PHILIPS 37TB1141

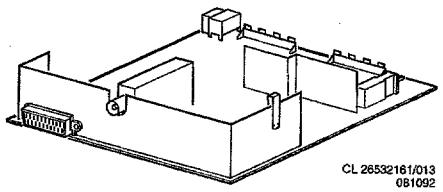
MODEL

SERVICE MANUAL

Service
Service
Service

Anubis A

AC



ServiceManual

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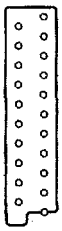
Technical specification and connection facilities

Mains voltage	: 220-240 V ± 10 %
	: 50 Hz ± 5 %
Aerial input impedance	: 75Ω - coax
Minimum aerial input VHF	: 30 µV
Minimum aerial input UHF	: 40 µV
Maximum aerial input	: 180 mV
Pull-in range colour sync	: ± 300 Hz
Pull-in range horizontal sync	: ± 600 Hz
Pull-in range vertical sync	: ± 5 Hz
Picture tube range	: 14", 15", 17" and 21"

Euroconnector:



1 - Audio ⊖ R (0,5V RMS ≤ 1kΩ)
2 - Audio ⊕ R (0,2 - 2V RMS ≥ 10kΩ)
3 - Audio ⊖ L (0,5V RMS ≤ 1kΩ)
4 - Audio ⊥
5 - Blue ⊥
6 - Audio ⊕ L (0,2 - 2V RMS ≥ 10kΩ)
7 - Blue (0,7V_{pp}/75Ω)
8 - CVBS-status 1 ⊕ (0-2V int.)(10-12V ext.)
9 - Green ⊥
10 - -
11 - Green (0,7V_{pp}/75Ω)
12 - -
13 - Red ⊥
14 - -
15 - Red (0,7V_{pp}/75Ω)
16 - RGB-status (0-0,4V int.)(1-3V ext. 75Ω)
17 - CVBS ⊥
18 - CVBS ⊥
19 - CVBS ⊖ (1V_{pp}/75Ω)
20 - CVBS ⊕ (1V_{pp}/75Ω)
21 - Earthscreen

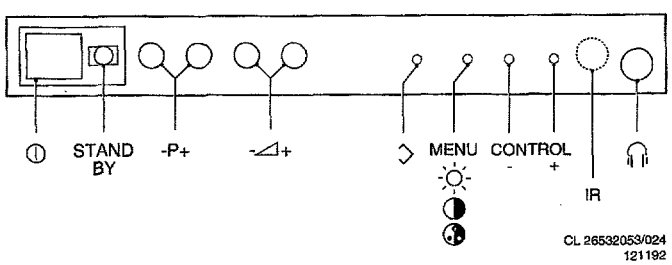
CINCH:

◎ CINCH	Audio ⊕ (0,2V_{eff} - 2 V_{eff} ≥ 10kΩ)
◎ CINCH	CVBS ⊖ (1V_{pp}/75Ω)

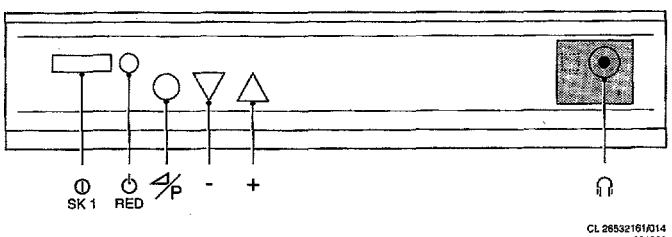
Head phone:

3.5mm — 8 - 600Ω/15mW

8 local controls version:



3 local controls version:



Mechanical instructions

1. Servicing position

To facilitate troubleshooting and repairing the set, the chassis can, after disconnection of the degaussing coil, be pulled out of the cabinet, turned 180°, and placed behind it (see Fig. 5).

2. Flat square picture tube fixation.

Demounting the picture tube:
Loosen the nuts by turning them with a box spanner hexagon (10 mm) **clockwise**, (see Fig. 6).

Mounting the picture tube:
Turn the spindles **counterclockwise** into the mask with a box spanner hexagon (4 mm).
Locate the picture tube in the mask. The easiest way is placing the cabinet with the front facing down.
Position the picture tube in the middle of the mask.
Turn the spindles **clockwise** until the nut can be fixed onto the spindle.
Turn the nut **counterclockwise** finger-tight against the picture tube fixation.
Turn the spindle **clockwise** until the whole has been fixed tightly (the nut must not turn any more).

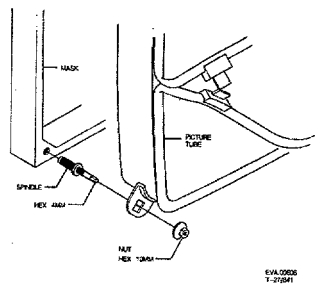


Fig. 6

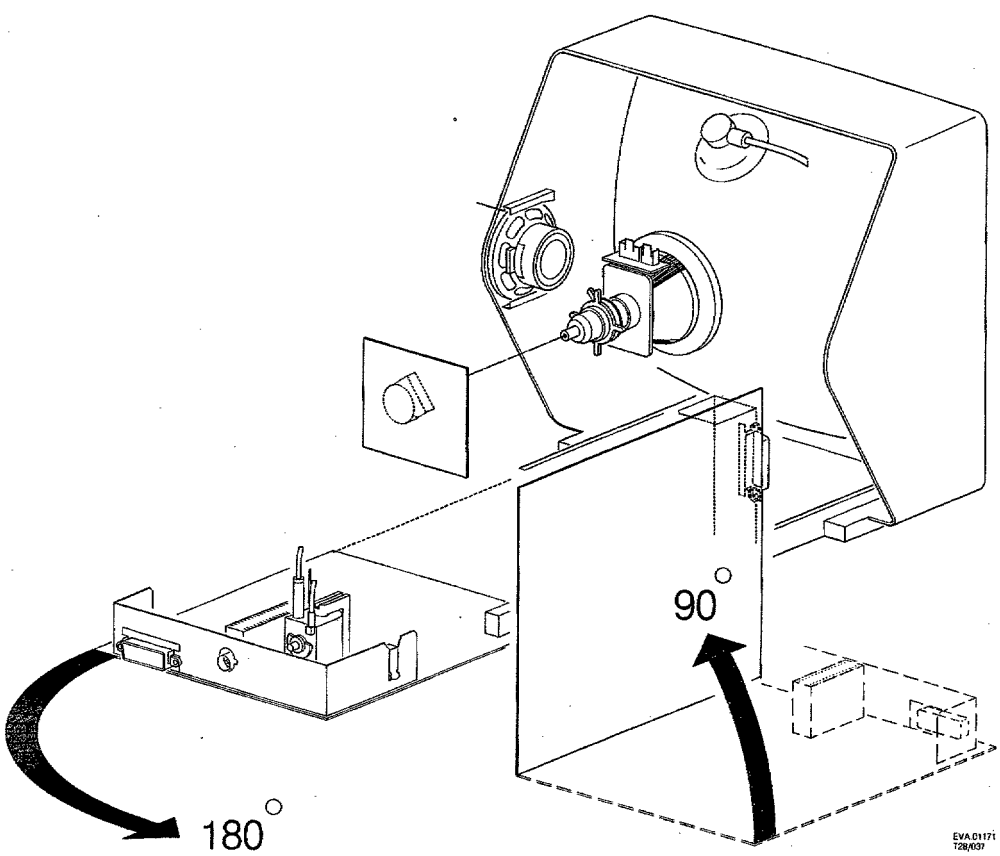
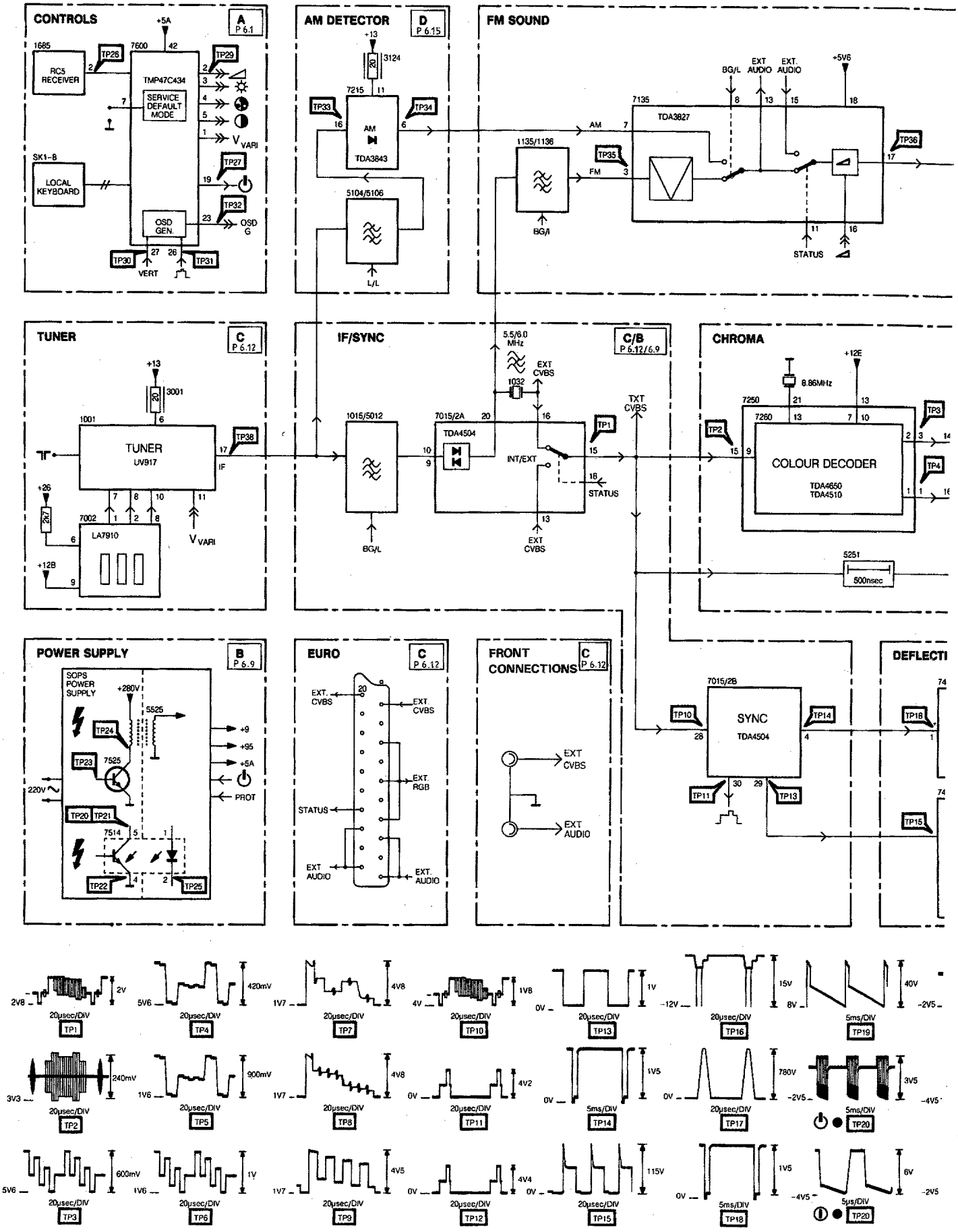
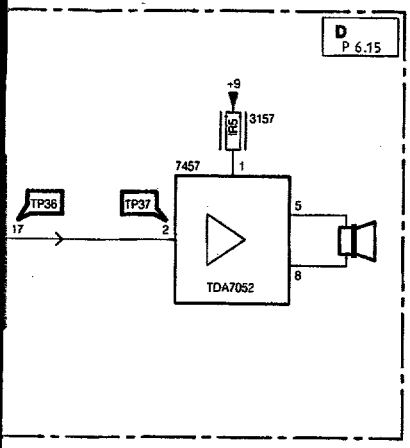
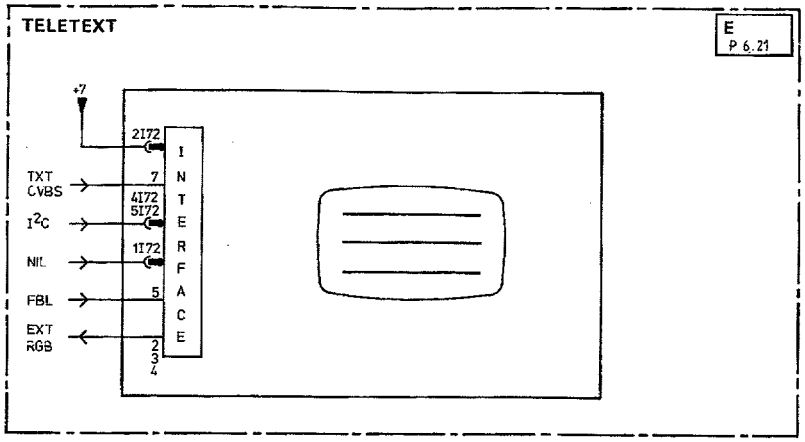


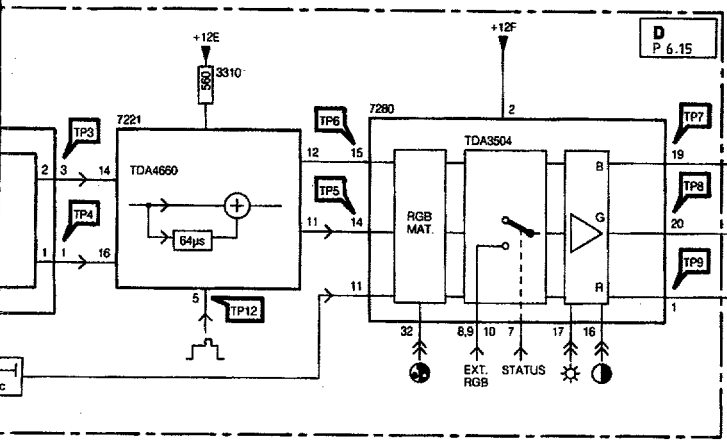
Fig. 5

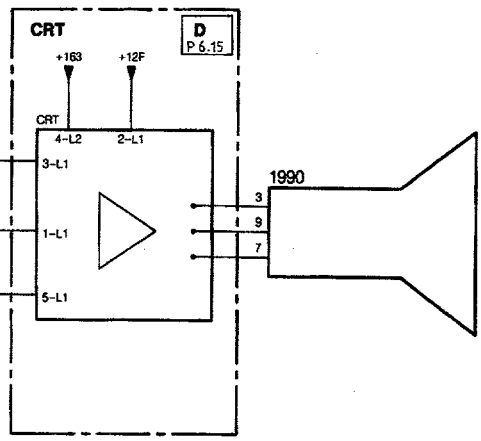
Block diagram / Blockschaltbild / Schéma-bloc

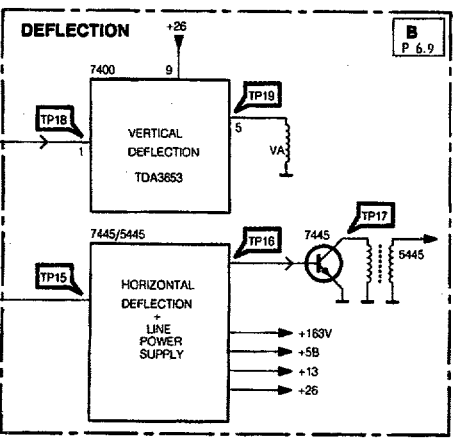


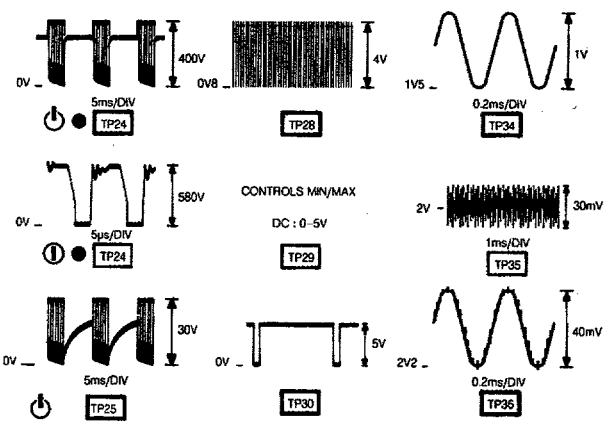

D
P 6.15
+9
R6
3157
7457
1
TP36
TP37
17
2
5
8
TDA7052

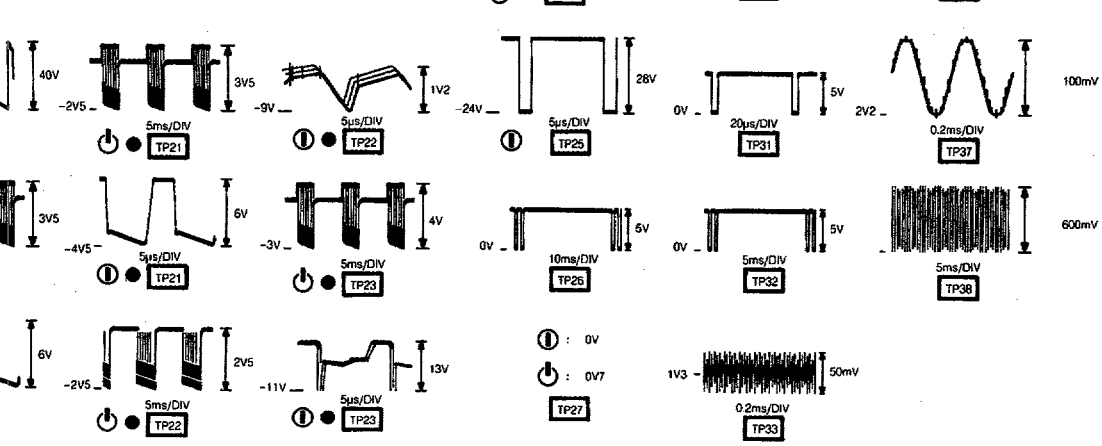

TELETEXT
E
P 6.21
+7
2172
TXT CVBS
7
4172
5172
I²C
1172
NIL
FBL
5
EXT RGB
2
3
4
INTERFACE


D
P 6.15
+12E
560
3310
+12F
TP3
7221
TP6
7280
TP7
TDA4650
TDA3504
TP4
64µs
TP5
RGB MAT.
TP8
TP9
TP12
32
8,9
10
7
17
16
EXT. RGB
STATUS

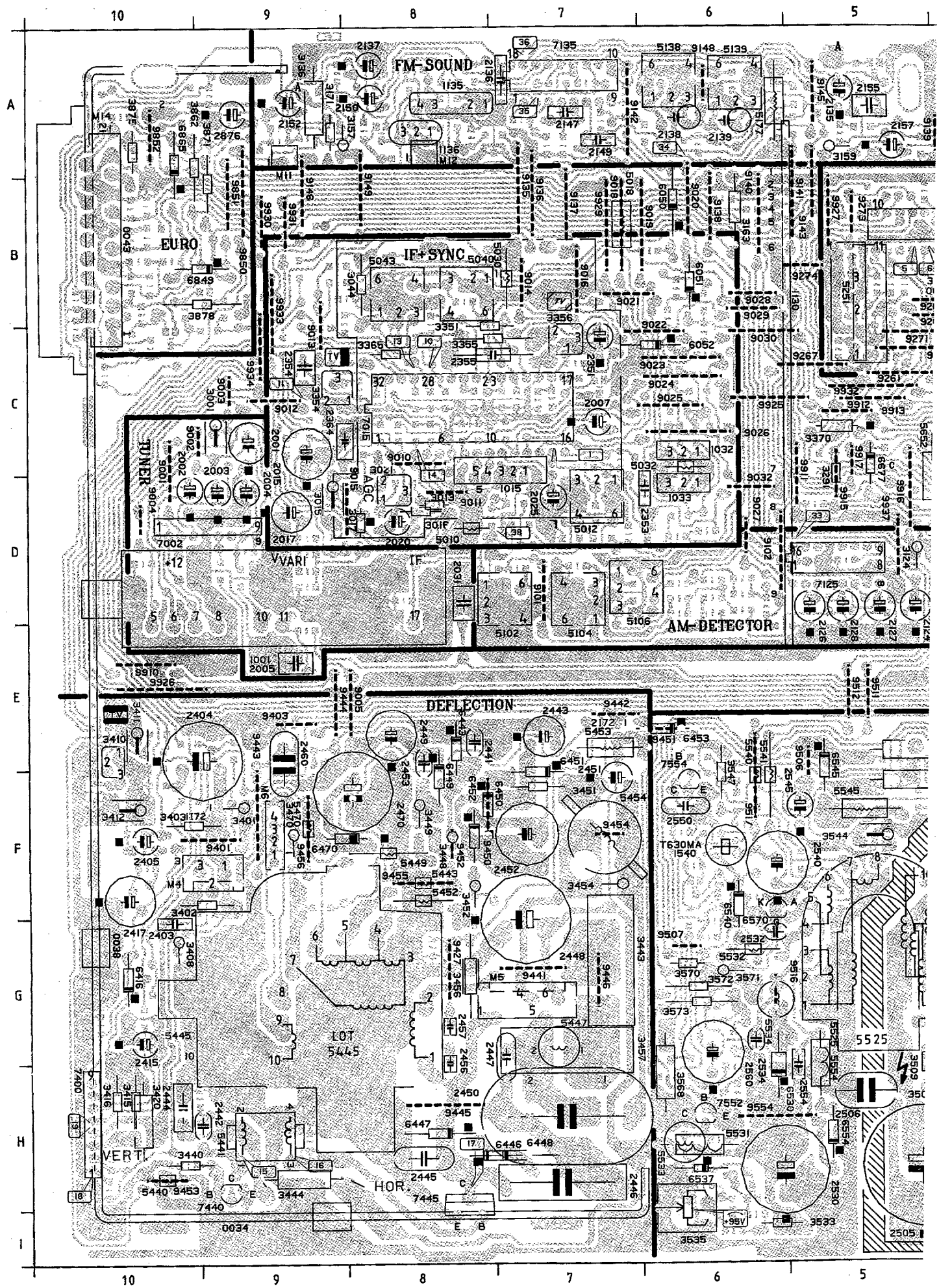

CRT
D
P 6.15
+16S
+12F
CRT
4-L2
2-L1
3-L1
1-L1
5-L1
1990
3
9
7

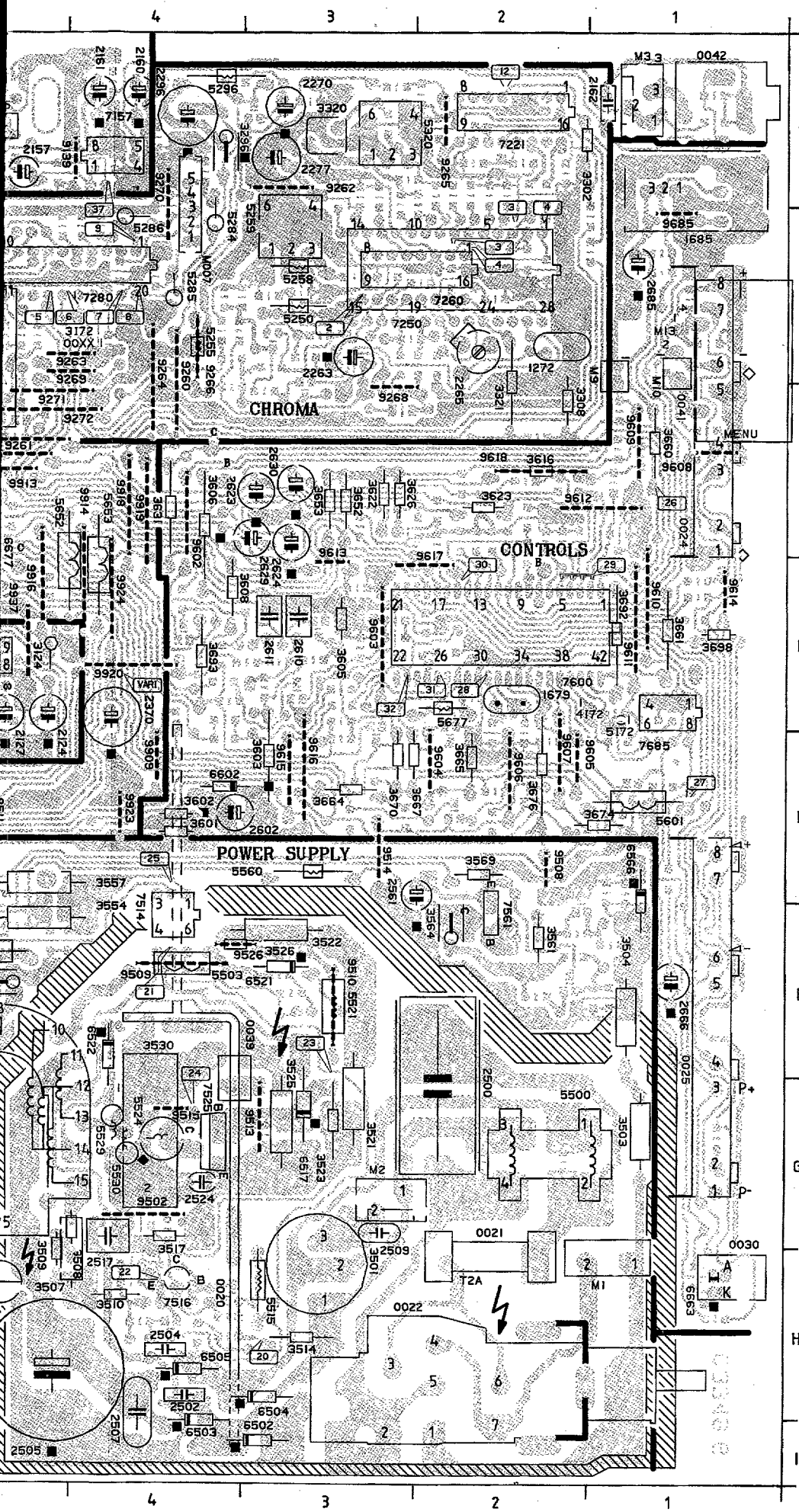

DEFLECTION
+26
B
P 6.9
7400
9
TP18
TP19
VERTICAL DEFLECTION TDA3653
5
VA
7445/5445
TP16
7445
TP17
5445
TP15
HORIZONTAL DEFLECTION + LINE POWER SUPPLY
+163V
+5B
+13
+26


0V
400V
5ms/DIV
TP24
0V8
4V
TP28
1V5
1V
0.2ms/DIV
TP34
580V
5µs/DIV
TP24
CONTROLS MIN/MAX
DC : 0-5V
TP29
2V
30mV
1ms/DIV
TP35
30V
5ms/DIV
TP25
0V
5V
TP30
2V2
40mV
0.2ms/DIV
TP35

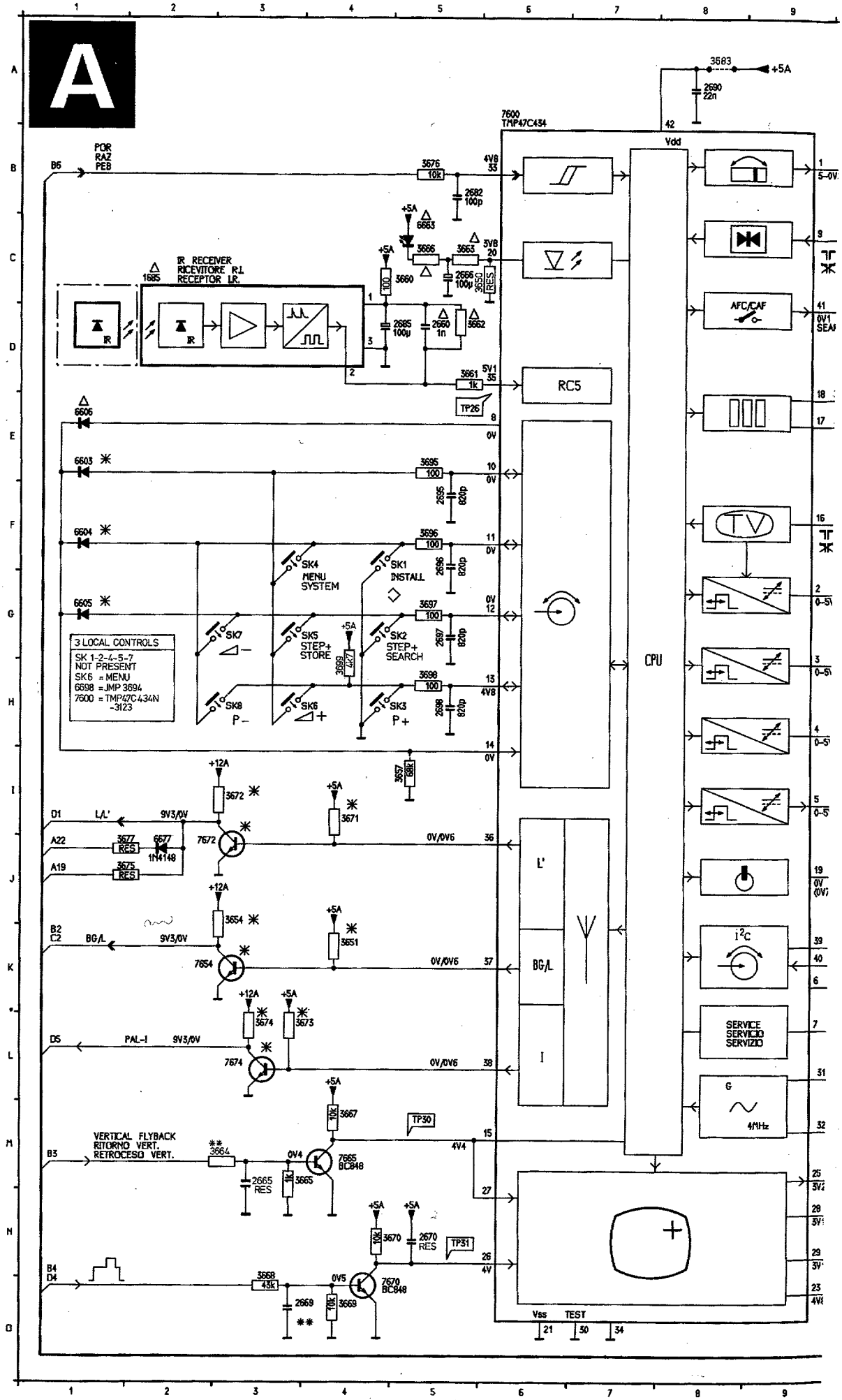

40V
-2V5
3V5
5ms/DIV
TP21
-9V
1V2
5µs/DIV
TP22
-24V
28V
5µs/DIV
TP25
0V
5V
20µs/DIV
TP31
2V2
100mV
0.2ms/DIV
TP37
3V5
-4V5
6V
5µs/DIV
TP21
-3V
4V
5ms/DIV
TP23
0V
5V
10ms/DIV
TP26
0V
5V
5ms/DIV
TP32
600mV
5ms/DIV
TP38
6V
-2V5
2V5
5ms/DIV
TP22
-11V
13V
5µs/DIV
TP23
: 0V
: 0V7
TP27
1V3
50mV
0.2ms/DIV
TP33

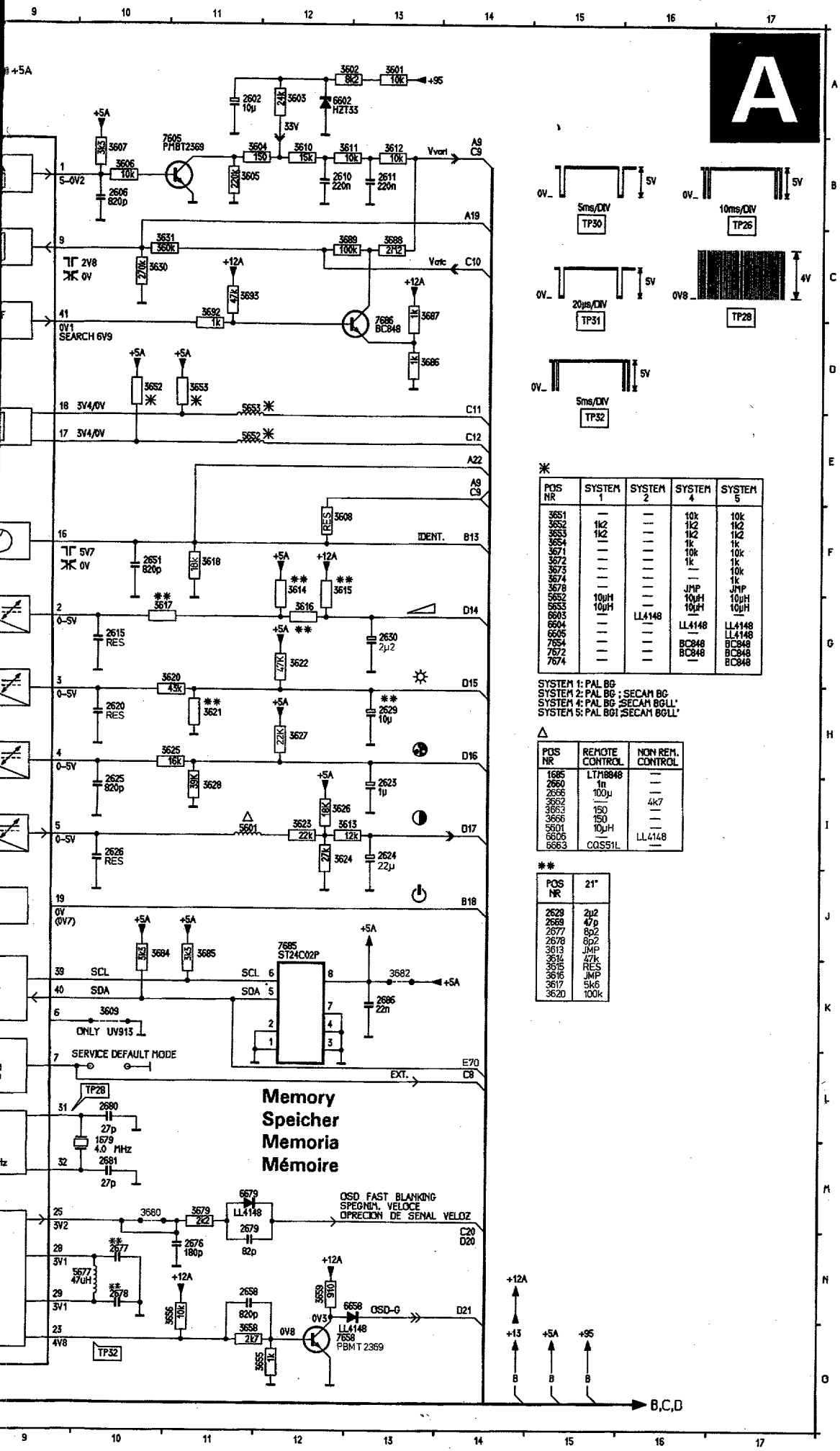
Monocarrier / Hauptplatine / Châssis





0021	H2	3013	D8	5040	B8	9011	D8	9914	D4						
0022	I2	3015	D9	5043	B8	9012	C9	9915	D5						
0024	C1	3016	D8	5102	D8	9013	B9	9916	D5						
0025	G1	3017	D8	5104	D7	9014	B7	9917	C5						
0041	C1	3021	D8	5106	D7	9015	D8	9918	C4						
0042	A1	3044	B8	5138	A6	9016	B7	9919	C4						
0043	C10	3124	D5	5139	A6	9018	B7	9920	D4						
1001	D10	3136	A9	5177	A6	9019	B6	9923	E4						
1015	C7	3157	A8	5250	B3	9020	B6	9924	D4						
1032	C6	3159	A5	5251	C5	9021	B7	9925	C6						
1033	D6	3163	B6	5255	B4	9022	C6	9926	E10						
1135	A8	3171	A9	5258	B3	9023	C6	9927	B5						
1136	A8	3291	D5	5259	B3	9024	C6	9929	B7						
1272	B2	3296	A4	5284	B4	9025	C6	9930	B9						
1540	F6	3302	A2	5285	B4	9026	C6	9931	B9						
1679	D2	3308	C2	5286	B4	9027	D6	9932	C5						
1685	A1	3320	A3	5296	A4	9028	B6	9933	B9						
2001	C9	3321	C2	5320	A3	9029	B6	9934	C9						
2002	D10	3351	C8	5440	H10	9030	C6	9937	D5						
2003	D9	3354	C8	5441	H9	9032	D6	M1	H1						
2004	D9	3355	C7	5443	F8	9101	D7	M2	G3						
2005	E9	3356	C7	5445	G9	9102	D6	M3	A1						
2007	C7	3365	C8	5447	G7	9135	B7	M4	F9						
2015	C9	3370	C5	5449	F8	9136	B7	M5	G8						
2017	D9	3401	F9	5452	F8	9137	B7	M6	F9						
2020	D8	3402	F9	5453	E7	9138	B6	M7	A4						
2025	D7	3403	F10	5454	F7	9139	A4	M9	B1						
2031	D8	3408	G10	5470	F9	9140	B6	M10	B1						
2124	D5	3410	E10	5500	G1	9141	B5	M11	A9						
2126	D5	3411	E10	5503	F4	9142	A7	M12	A8						
2127	D5	3412	F10	5515	H3	9143	B5	M13	B1						
2128	D5	3415	H10	5521	F3	9145	A5	M14	A10						
2135	A5	3416	H10	5524	G4	9146	B9	TP1	C7						
2137	A8	3420	H10	5525	G5	9148	A6	TP2	B3						
2138	A6	3440	H10	5529	G4	9149	B8	TP3	B2						
2139	A6	3443	G7	5530	G4	9260	B4	TP4	B2						
2147	A7	3444	H9	5531	H6	9261	C5	TP5	B5						
2149	A7	3448	F8	5532	G6	9262	A3	TP6	B5						
2150	A8	3449	F8	5533	H6	9263	B4	TP7	B4						
2152	A9	3451	F7	5534	G6	9264	B4	TP8	B4						
2155	A5	3452	F8	5540	F6	9265	A2	TP9	B4						
2157	A5	3454	F7	5541	F6	9266	B4	TP10	C8						
2160	A4	3456	G8	5545	F5	9267	C5	TP11	C9						
2161	A4	3457	G7	5554	H5	9268	C3	TP12	A2						
2162	A1	3470	F9	5560	E3	9269	B4	TP13	C8						
2263	B3	3501	H3	5601	E1	9270	A4	TP14	C8						
2265	B2	3503	G1	5652	D5	9271	C5	TP15	H9						
2270	A3	3504	F1	5653	D4	9272	C5	TP16	H9						
2277	A3	3507	H4	5677	D2	9273	B5	TP17	H8						
2296	A4	3508	G4	6050	B6	9274	B5	TP18	H10						
2351	C7	3509	H5	6051	B6	9401	F9	TP19	H10						
2353	D6	3510	H4	6052	C6	9403	E9	TP20	H3						
2354	C9	3514	H3	6416	G10	9427	G8	TP21	F4						
2355	C7	3517	G4	6443	E8	9441	G7	TP22	H4						
2364	C8	3521	G3	6446	H8	9442	E7	TP23	F3						
2370	D4	3522	F3	6447	H8	9443	F9	TP24	G4						
2403	G10	3523	G3	6448	H7	9444	E9	TP25	E4						
2404	E9	3525	G3	6449	F8	9445	H8	TP26	C1						
2405	F10	3526	F4	6450	F8	9446	G7	TP27	E1						
2415	G10	3530	G4	6451	F7	9450	F8	TP28	D2						
2417	F10	3533	I6	6452	F8	9451	E6	TP29	D2						
2441	E8	3535	I6	6453	E6	9452	F8	TP30	D2						
2442	H9	3544	F5	6470	F8	9453	H10	TP31	D2						
2443	E7	3547	F6	6502	I3	9454	F7	TP32	D3						
2444	H10	3554	F5	6503	I4	9455	F8	TP34	A6						
2445	H8	3557	E5	6504	H3	9456	F9	TP35	A7						
2446	H7	3561	F2	6505	H4	9502	G4	TP36	A7						
2447	G7	3564	F2	6517	G3	9506	E5	TP37	B4						
2448	G7	3568	H6	6521	F3	9507	G6								
2449	E8	3569	E2	6522	F4	9508	E2								
2450	H7	3570	G6	6530	H6	9509	F4								
2451	F7	3571	G6	6537	H6	9510	F3								
2452	F7	3572	G6	6540	F6	9511	E5								
2453	E8	3573	G6	6545	E5	9512	E5								
2456	H8	3601	E4	6554	H5	9513	G3								
2457	G8	3602	E4	6566	E1	9514	E3								
2460	E9	3603	E3	6570	F6	9515	G4								
2470	F8	3605	D3	6602	E4	9516	G6								
2500	G2	3606	C4	6663	H1	9517	F6								
2502	H4	3608	D4	6677	C5	9526	F4								
2504	H4	3616	C2	6849	B9	9554	H6								
2505	H5	3622	C3	6865	A10	9602	C4								
2506	H5	3623	C2	7002	D10	9603	D3								
2507	H4	3626	C3	7015	C8	9604	E2								
2509	G3	3631	C4	7125	D5	9605	E2								
2517	G4	3652	C3	7135	A7	9606	E2								
2524	G4	3653	C3	7157	A4	9607	E2								
2530	H6	3660	C1	7221	A2	9608	C1								
2532	G6	3661	D1	7250	B2	9609	C1								
2534	G6	3664	E3	7280	B4	9610	D1								
2540	F6	3665	E2	7400	H10	9611	D1								
2545	F5	3667	E3	7440	H9	9612	C1								
2550	F6	3670	E3	7445	I8	9613	D3								
2554	H5	3674	E1	7514	E4	9614	D1								
2560	G6	3676	E2	7516	H4	9615	E3								
2561	E2	3692	D1	7525	G4	9616	E3								
2602	E4	3693	D4	7552	H6	9617	D2								
2610	D3	3698	D1	7554	F6	9618	C2								
2611	D3	3862	A10	7561	E2	9685	B1								
2623	C3	3871	B9	7600	D1	9850	B9								
2624	C3	3875	A10	7685	D1	9851	B9								
2629	C3	3878	B9	9001	C10	9852	A10								
2630	C3	5010	D8	9002	C9	9909	E4								
2666	F1	5012	D7	9003	C9	9910	E10								
2685	B1	5018	B7	9004	D10	9911	D5								
2876	A9	5030	B7	9005	E8	9912	C5								
3001	C9	5032	C6	9010	C8	9913	C5								


A
POR
RAZ
PEB
IR RECEIVER
RICEVITORE R.I.
RECEPTOR I.R.
7600
TMP47C434
Vdd
RC5
CPU
TP26
TP30
TP31
3 LOCAL CONTROLS
SK 1-2-4-5-7
NOT PRESENT
SK6 = MENU
6698 = JMP 3694
7600 = TMP47C434N
-3123
SK4
MENU
SYSTEM
SK1
INSTALL
SK7
SK5
STEP+
STORE
SK2
STEP+
SEARCH
SK8
P-
SK6
SK3
P+
VERTICAL FLYBACK
RITORNO VERT.
RETROCESO VERT.
SERVICE
SERVICIO
SERVIZIO
AFC/CAF
TV
L'
BG/L
I
G
4/11Hz
Vss
TEST



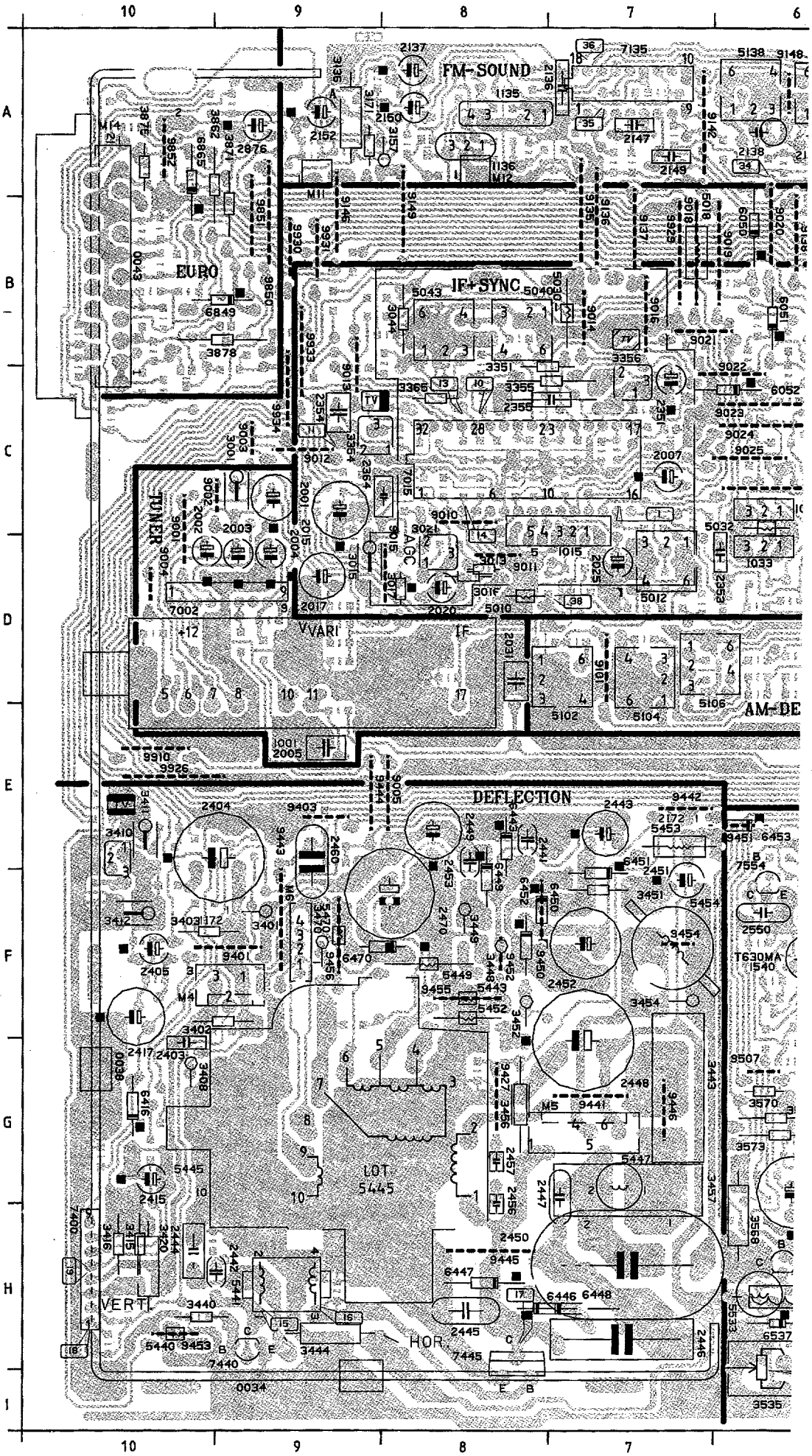
POS NR	SYSTEM 1	SYSTEM 2	SYSTEM 4	SYSTEM 5
3651	—	—	10k	10k
3652	1k2	—	1k2	1k2
3653	1k2	—	1k2	1k2
3654	—	—	1k	1k
3671	—	—	10k	10k
3672	—	—	1k	1k
3673	—	—	—	10k
3674	—	—	—	1k
3676	—	—	JMP	JMP
5652	10µH	—	10µH	10µH
5653	10µH	—	10µH	10µH
6603	—	LL4148	—	—
6604	—	—	LL4148	LL4148
6605	—	—	—	LL4148
7654	—	—	BC848	BC848
7672	—	—	BC848	BC848
7674	—	—	—	BC848

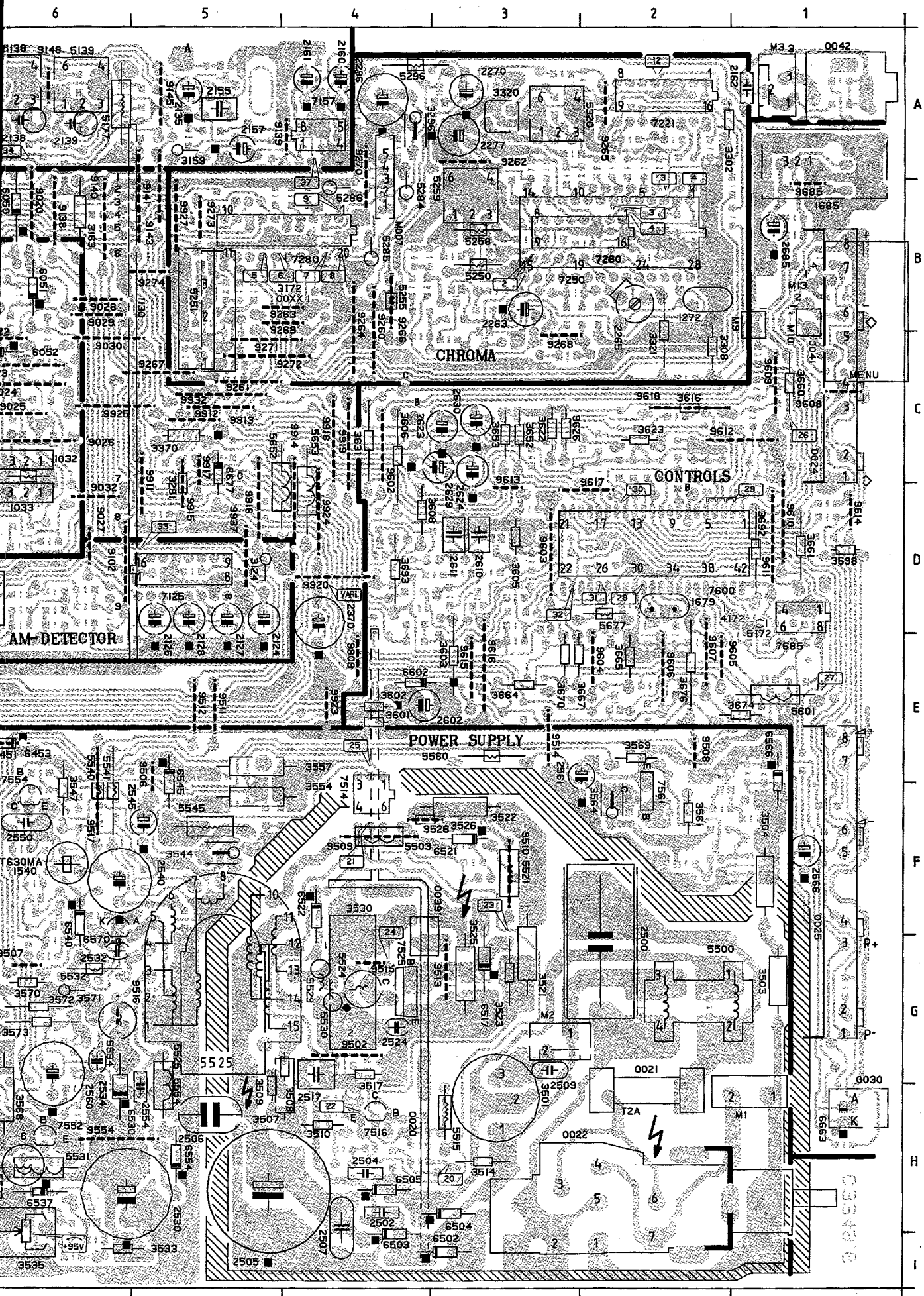
POS NR	REMOTE CONTROL	NON REM. CONTROL
1685	LTM8848	—
2660	1n	—
2666	100µ	—
3662	—	4k7
3663	150	—
3666	150	—
5601	10µH	—
6606	—	LL4148
6663	CQS51L	—

POS NR	21"
2629	2µ2
2669	47p
2677	8p2
2678	8p2
3613	JMP
3614	47k
3615	RES
3616	JMP
3617	5k6
3620	100k

SK1	F4	3688	C13
SK2	G4	3689	C12
SK3	H4	3690	C5
SK4	F3	3692	C11
SK5	G3	3693	C11
SK6	H3	3695	E5
SK7	G3	3696	F5
SK8	H3	3697	G5
1679	M10	3698	H5
1685	C2	3699	H4
2602	A11	4MHz	M9
2606	B10	5601	I11
2610	B12	5652	E11
2611	B13	5653	E11
2615	G10	5677	N10
2620	H10	6602	A12
2623	I13	6603	E1
2624	I13	6604	F1
2625	I10	6605	G1
2626	I10	6606	E1
2629	H13	6658	N13
2630	G13	6663	C5
2651	F10	6677	J2
2658	N11	6679	M11
2660	D5	7600	A6
2665	N3	7605	B10
2666	C5	7654	K2
2669	O3	7658	O12
2670	N5	7665	M4
2676	N11	7670	O4
2677	N10	7672	J3
2678	N10	7674	J12
2679	N11	7685	J12
2680	L10	7686	D13
2681	M10		
2682	B5		
2685	D4		
2686	K13		
2690	A8		
2695	F5		
2696	F5		
2697	G5		
2698	H5		
3601	A13		
3602	A12		
3603	A12		
3604	B11		
3605	B11		
3606	B10		
3607	B10		
3608	F12		
3609	K10		
3610	B12		
3611	B12		
3612	B13		
3613	I13		
3614	F12		
3615	F12		
3616	G12		
3617	G10		
3618	F11		
3620	G11		
3621	H11		
3622	G12		
3623	I12		
3624	I12		
3625	H11		
3626	I12		
3627	H12		
3628	I11		
3630	C10		
3631	C10		
3651	K4		
3652	D10		
3653	D11		
3654	J3		
3655	O12		
3656	N11		
3657	I5		
3658	O11		
3659	N12		
3660	C5		
3661	D5		
3662	D5		
3663	C5		
3664	M3		
3665	M3		
3666	C5		
3667	M4		
3668	O3		
3669	O4		
3670	N4		
3671	I4		
3672	I3		
3673	L3		
3674	L3		
3675	L3		
3676	B5		
3677	J2		
3679	M11		
3680	M10		
3682	K13		
3683	A8		
3684	J10		
3685	J11		
3686	D13		
3687	C13		

Monocarrier / Hauptplatine / Châssis




CHROMA
CONTROLS
AM-DETECTOR
POWER SUPPLY
MENU
P+
P-
T2A
M1
M2
M3
M10
M13

0021	H2	3013	D8	5040	B8	9011	D8	9914	D4		
0022	I2	3015	D9	5043	B8	9012	C9	9915	D5		
0024	C1	3016	D8	5102	D8	9013	B9	9916	D5		
0025	G1	3017	D8	5104	D7	9014	B7	9917	C5		
0041	C1	3021	D8	5106	D7	9015	D8	9918	C4		
0042	A1	3044	B8	5138	A6	9016	B7	9919	C4		
0043	C10	3124	D5	5139	A6	9018	B7	9920	D4		
1001	D10	3136	A9	5177	A6	9019	B6	9923	E4		
1015	C7	3157	A8	5250	B3	9020	B6	9924	D4		
1032	C6	3159	A5	5251	C5	9021	B7	9925	C6		
1033	D6	3163	B6	5255	B4	9022	C6	9926	E10		
1135	A8	3171	A9	5258	B3	9023	C6	9927	B5		
1136	A8	3291	D5	5259	B3	9024	C6	9929	B7		
1272	B2	3296	A4	5284	B4	9025	C6	9930	B9		
1540	F6	3302	A2	5285	B4	9026	C6	9931	B9		
1679	D2	3308	C2	5286	B4	9027	D6	9932	C5		
1685	A1	3320	A3	5296	A4	9028	B6	9933	B9		
2001	C9	3321	C2	5320	A3	9029	B6	9934	C9		
2002	D10	3351	C8	5440	H10	9030	C6	9937	D5		
2003	D9	3354	C8	5441	H9	9032	D6	M1	H1		
2004	D9	3355	C7	5443	F8	9101	D7	M2	G3		
2005	E9	3356	C7	5445	G9	9102	D6	M3	A1		
2007	C7	3365	C8	5447	G7	9135	B7	M4	F9		
2015	C9	3370	C5	5449	F8	9136	B7	M5	G8		
2017	D9	3401	F9	5452	F8	9137	B7	M6	F9		
2020	D8	3402	F9	5453	E7	9138	B6	M7	A4		
2025	D7	3403	F10	5454	F7	9139	A4	M9	B1		
2031	D8	3408	G10	5470	F9	9140	B6	M10	B1		
2124	D5	3410	E10	5500	G1	9141	B5	M11	A9		
2126	D5	3411	E10	5503	F4	9142	A7	M12	A8		
2127	D5	3412	F10	5515	H3	9143	B5	M13	B1		
2128	D5	3415	H10	5521	F3	9145	A5	M14	A10		
2135	A5	3416	H10	5524	G4	9146	B9	TP1	C7		
2137	A8	3420	H10	5525	G5	9148	A6	TP2	B3		
2138	A6	3440	H10	5529	G4	9149	B8	TP3	B2		
2139	A6	3443	G7	5530	G4	9260	B4	TP4	B2		
2147	A7	3444	H9	5531	H6	9261	C5	TP5	B5		
2149	A7	3448	F8	5532	G6	9262	A3	TP6	B5		
2150	A8	3449	F8	5533	H6	9263	B4	TP7	B4		
2152	A9	3451	F7	5534	G6	9264	B4	TP8	B4		
2155	A5	3452	F8	5540	F6	9265	A2	TP9	B4		
2157	A5	3454	F7	5541	F6	9266	B4	TP10	C8		
2160	A4	3456	G8	5545	F5	9267	C5	TP11	C9		
2161	A4	3457	G7	5554	H5	9268	C3	TP12	A2		
2162	A1	3470	F9	5560	E3	9269	B4	TP13	C8		
2263	B3	3501	H3	5601	E1	9270	A4	TP14	C8		
2265	B2	3503	G1	5652	D5	9271	C5	TP15	H9		
2270	A3	3504	F1	5653	D4	9272	C5	TP16	H9		
2277	A3	3507	H4	5677	D2	9273	B5	TP17	H8		
2296	A4	3508	G4	6050	B6	9274	B5	TP18	H10		
2351	C7	3509	H5	6051	B6	9401	F9	TP19	H10		
2353	D6	3510	H4	6052	C6	9403	E9	TP20	H3		
2354	C9	3514	H3	6416	G10	9427	G8	TP21	F4		
2355	C7	3517	G4	6443	E8	9441	G7	TP22	H4		
2364	C8	3521	G3	6446	H8	9442	E7	TP23	F3		
2370	D4	3522	F3	6447	H8	9443	F9	TP24	G4		
2403	G10	3523	G3	6448	H7	9444	E9	TP25	E4		
2404	E9	3525	G3	6449	F8	9445	H8	TP26	C1		
2405	F10	3526	F4	6450	F8	9446	G7	TP27	E1		
2415	G10	3530	G4	6451	F7	9450	F8	TP28	D2		
2417	F10	3533	I6	6452	F8	9451	E6	TP29	D2		
2441	E8	3535	I6	6453	E6	9452	F8	TP30	D2		
2442	H9	3544	F5	6470	F8	9453	H10	TP31	D2		
2443	E7	3547	F6	6502	I3	9454	F7	TP32	D3		
2444	H10	3554	F5	6503	I4	9455	F8	TP34	A6		
2445	H8	3557	E5	6504	H3	9456	F9	TP35	A7		
2446	H7	3561	F2	6505	H4	9502	G4	TP36	A7		
2447	G7	3564	F2	6517	G3	9506	E5	TP37	B4		
2448	G7	3568	H6	6521	F3	9507	G6				
2449	E8	3569	E2	6522	F4	9508	E2				
2450	H7	3570	G6	6530	H6	9509	F4				
2451	F7	3571	G6	6537	H6	9510	F3				
2452	F7	3572	G6	6540	F6	9511	E5				
2453	E8	3573	G6	6545	E5	9512	E5				
2456	H8	3601	E4	6554	H5	9513	G3				
2457	G8	3602	E4	6566	E1	9514	E3				
2460	E9	3603	E3	6570	F6	9515	G4				
2470	F8	3605	D3	6602	E4	9516	G6				
2500	G2	3606	C4	6663	H1	9517	F6				
2502	H4	3608	D4	6677	C5	9526	F4				
2504	H4	3616	C2	6849	B9	9554	H6				
2505	H5	3622	C3	6865	A10	9602	C4				
2506	H5	3623	C2	7002	D10	9603	D3				
2507	H4	3626	C3	7015	C8	9604	E2				
2509	G3	3631	C4	7125	D5	9605	E2				
2517	G4	3652	C3	7135	A7	9606	E2				
2524	G4	3653	C3	7157	A4	9607	E2				
2530	H6	3660	C1	7221	A2	9608	C1				
2532	G6	3661	D1	7250	B2	9609	C1				
2534	G6	3664	E3	7280	B4	9610	D1				
2540	F6	3665	E2	7400	H10	9611	D1				
2545	F5	3667	E3	7440	H9	9612	C1				
2550	F6	3670	E3	7445	I8	9613	D3				
2554	H5	3674	E1	7514	E4	9614	D1				
2560	G6	3676	E2	7516	H4	9615	E3				
2561	E2	3692	D1	7525	G4	9616	E3				
2602	E4	3693	D4	7552	H6	9617	D2				
2610	D3	3698	D1	7554	F6	9618	C2				
2611	D3	3862	A10	7561	E2	9685	B1				
2623	C3	3871	B9	7600	D1	9850	B9				
2624	C3	3875	A10	7685	D1	9851	B9				
2629	C3	3878	B9	9001	C10	9852	A10				
2630	C3	5010	D8	9002	C9	9909	E4				
2666	F1	5012	D7	9003	C9	9910	E10				
2685	B1	5018	B7	9004	D10	9911	D5				
2876	A9	5030	B7	9005	E8	9912	C5				
3001	C9	5032	C6	9010	C8	9913	C5				

Monocarrier / Hauptplatine / Châssis

0021	H2	2270	A3	2545	F5	3142	A8	3454	F7	3663	E1
0022	I2	2271	A3	2547	F6	3143	A5	3455	G8	3664	E3
0024	C1	2272	A2	2550	F6	3148	A7	3456	G8	3665	E2
0025	G1	2273	A2	2553	F5	3149	A7	3457	G7	3666	H1
0041	C1	2274	A2	2554	H5	3150	A9	3460	E9	3667	E3
0042	A1	2275	A2	2555	F6	3151	A7	3461	E9	3668	D4
0043	C10	2276	A3	2556	F6	3152	A9	3465	E9	3669	E3
1001	D10	2277	A3	2557	F1	3153	A9	3470	F9	3670	E3
1015	C7	2279	B1	2560	G6	3154	A5	3501	H3	3671	E1
1032	C6	2280	B1	2561	E2	3155	A5	3503	G1	3672	E3
1033	D6	2281	B4	2562	F5	3156	A5	3504	F1	3673	E1
1135	A8	2282	B4	2563	F6	3157	A8	3507	H4	3674	E1
1136	A8	2283	B5	2573	G6	3158	A9	3508	G4	3675	D5
1272	B2	2284	A2	2602	E4	3159	A5	3509	H5	3676	E2
1540	F6	2285	A2	2606	C1	3160	B1	3510	H4	3677	C5
1679	D2	2286	B2	2610	D3	3161	A1	3511	H4	3678	E2
1685	A1	2287	B2	2611	D3	3162	A4	3513	F3	3679	D3
2001	C9	2288	B4	2615	C1	3163	B6	3514	H3	3680	D3
2002	D10	2289	B4	2620	C1	3164	A1	3515	H4	3682	E1
2003	D9	2290	B4	2623	C3	3169	A8	3516	H4	3683	D1
2004	D9	2291	B5	2624	C3	3170	A8	3517	G4	3684	D1
2005	E9	2292	B5	2625	C2	3171	A9	3518	H4	3685	E1
2006	D10	2293	B5	2626	C2	3172	A8	3520	H4	3686	D3
2007	C7	2294	B5	2629	C3	3173	A8	3521	G3	3687	D4
2008	D8	2295	A4	2630	C3	3175	A6	3522	F3	3688	D4
2009	B7	2296	A4	2651	C2	3176	A6	3523	G3	3689	D4
2010	D7	2297	A4	2658	D3	3251	C5	3524	G3	3690	G1
2011	D7	2298	B4	2660	B1	3252	B5	3525	G3	3692	D1
2013	D7	2299	A4	2665	E3	3253	B5	3526	F4	3693	D4
2014	D7	2300	B3	2666	F1	3261	B3	3530	G4	3695	D1
2015	C9	2301	B2	2667	D3	3289	C5	3533	I6	3696	D1
2016	C8	2302	A2	2669	D3	3290	C5	3534	I6	3697	D1
2017	D9	2303	A2	2670	E3	3291	D5	3535	I6	3698	D1
2019	C8	2304	A2	2676	D2	3292	C5	3536	H6	3699	H1
2020	D8	2305	A2	2677	D2	3293	B5	3544	F5	3850	A10
2021	C9	2306	A3	2678	D2	3294	D5	3547	F6	3851	B10
2022	C8	2307	A3	2679	E4	3296	A4	3549	F6	3852	A9
2025	D7	2309	B2	2680	D2	3297	B6	3550	E6	3853	B10
2026	C8	2310	C3	2681	D2	3298	B6	3551	H6	3854	C10
2027	D6	2321	B2	2682	E2	3299	B6	3552	F6	3855	B10
2030	C6	2350	C8	2685	B1	3302	A2	3553	H6	3856	B10
2031	D8	2351	C7	2686	D1	3303	A2	3554	F5	3857	B9
2037	C7	2352	C8	2690	D1	3304	A2	3555	G6	3858	A10
2038	C7	2353	D6	2695	C2	3305	B4	3556	F6	3859	A10
2041	B8	2354	C9	2696	C2	3306	B3	3557	E5	3860	C10
2043	B8	2355	C7	2697	C2	3307	C2	3558	F5	3861	B1
2044	B8	2356	C8	2698	C2	3308	C2	3559	F6	3862	A10
2101	D8	2359	C8	2849	B10	3309	A2	3560	F2	3865	A9
2102	D7	2364	C8	2850	B10	3310	A3	3561	F2	3866	A10
2104	D7	2366	C8	2852	B10	3311	A4	3562	F2	3871	B9
2110	D7	2367	C8	2860	C10	3312	B3	3563	E6	3875	A10
2115	E6	2368	C8	2861	B1	3313	B4	3564	F2	3876	A10
2117	D6	2370	D4	2875	A10	3314	B4	3565	E1	3878	B9
2118	D6	2371	C8	2876	A9	3315	B4	3566	F1	3879	C10
2120	D6	2401	H10	3001	C9	3316	C3	3567	F2	3880	B10
2124	D5	2402	F9	3002	D9	3317	B3	3568	H6	3881	B9
2125	D5	2403	G10	3003	D9	3318	B3	3569	E2	3882	B9
2126	D5	2404	E9	3004	D9	3319	A3	3570	G6	3883	B10
2127	D5	2405	F10	3005	D9	3320	A3	3571	G6	3901	C5
2128	D5	2413	H10	3010	D7	3321	C2	3572	G6	3902	B9
2135	A5	2414	H10	3011	D7	3322	B2	3573	G6	5010	D8
2137	A8	2415	G10	3012	D7	3350	C8	3574	G6	5012	D7
2138	A6	2416	G10	3013	D8	3351	C8	3591	E6	5018	B7
2139	A6	2417	F10	3015	D9	3353	C8	3593	E6	5030	B7
2140	A7	2440	H10	3016	D8	3354	C8	3601	E4	5032	C6
2142	A7	2441	E8	3017	D8	3355	C7	3602	E4	5040	B8
2143	A8	2442	H9	3018	D9	3356	C7	3603	E3	5043	B8
2144	A8	2443	E7	3019	D9	3357	B9	3604	D3	5102	D8
2145	A7	2444	H10	3021	D8	3358	C9	3605	D3	5104	D7
2146	A7	2445	H8	3022	D8	3359	B9	3606	C4	5106	D7
2147	A7	2446	H7	3023	C8	3360	B9	3607	C1	5138	A6
2148	A7	2447	G7	3024	C7	3362	C9	3608	D4	5139	A6
2149	A7	2448	G7	3025	C7	3363	C9	3609	C2	5177	A6
2150	A8	2449	E8	3026	C7	3364	D9	3610	D3	5250	B3
2152	A9	2450	H7	3027	D6	3365	C8	3611	D3	5251	C5
2153	A9	2451	F7	3028	D6	3370	C5	3612	D3	5255	B4
2154	A5	2452	F7	3029	C6	3401	F9	3613	C3	5258	B3
2155	A5	2453	E8	3030	C6	3402	F9	3614	C1	5259	B3
2157	A5	2456	H8	3031	C6	3403	F10	3615	C4	5284	B4
2158	A4	2457	G8	3032	C6	3404	F10	3616	C2	5285	B4
2160	A4	2460	E9	3033	C6	3405	F10	3617	C1	5286	B4
2161	A4	2465	E10	3034	C7	3406	E10	3618	C3	5296	A4
2162	A1	2470	F8	3035	C6	3407	E10	3620	C2	5320	A3
2163	B1	2500	G2	3036	C9	3408	G10	3621	C2	5440	H10
2164	A5	2501	G2	3037	B8	3409	F10	3622	C3	5441	H9
2169	A7	2502	H4	3038	C7	3410	E10	3623	C2	5443	F8
2170	A8	2503	G2	3039	C7	3411	E10	3624	C2	5445	G9
2171	A8	2504	H4	3043	B9	3412	F10	3625	C2	5447	G7
2172	A6	2505	H5	3044	B8	3413	G10	3626	C3	5449	F8
2174	A6	2506	H5	3049	C8	3414	F10	3627	C2	5452	F8
2175	A6	2507	H4	3050	B6	3415	H10	3628	C2	5453	E7
2176	A5	2509	G3	3051	C6	3416	H10	3630	C1	5454	F7
2254	B3	2511	H4	3054	B6	3417	F10	3631	C4	5470	F9
2255	B5	2514	F4	3102	D5	3418	E10	3635	C1	5500	G1
2256	B4	2515	F4	3103	D5	3419	F10	3650	D2	5503	F4
2257	B4	2517	G4	3116	E6	3420	H10	3651	E2	5515	H3
2258	B3	2520	F3	3117	D6	3440	H10	3652	C3	5521	F3
2259	B3	2522	F4	3118	D6	3442	H10	3653	C3	5524	G4
2260	B3	2523	G4	3119	D6	3443	G7	3654	E3	5525	G5
2262	A3	2524	G4	3120	D6	3444	H9	3655	D3	5529	G4
2263	B3	2526	G3	3124	D5	3445	H9	3656	D3	5530	G4
2264	A3	2530	H6	3127	D6	3446	F9	3657	C2	5531	H6
2265	B2	2532	G6	3135	A8	3448	F8	3658	D3	5532	G6
2266	B2	2533	I6	3136	A9	3449	F8	3659	D4	5533	H6
2267	C3	2534	G6	3137	A6	3450	F8	3660	C1	5534	G6
2268	B3	2536	H6	3138	A7	3451	F7	3661	D1	5540	F6
2269	B2	2540	F6	3141	A6	3452	F8	3662	B1	5541	F6

3663	E1	5545	F5	7280	B4	9508	E2
3664	E3	5554	H5	7290	C5	9509	F4
3665	E2	5560	E3	7400	H10	9510	F3
3666	H1	5601	E1	7440	H9	9511	E5
3667	E3	5652	D5	7445	I8	9512	E5
3668	D4	5653	D4	7512	H4	9513	G3
3669	E3	5677	D2	7514	E4	9514	E3
3670	E3	6014	D7	7515	H4	9515	G4
3671	E1	6019	D9	7516	H4	9516	G6
3672	E3	6020	D9	7525	G4	9517	F6
3673	E1	6034	C6	7537	H6	9526	F4
3674	E1	6042	B8	7552	H6	9554	H6
3675	D5	6050	B6	7553	F2	9602	C4
3676	E2	6051	B6	7554	F6	9603	D3
3677	C5	6052	C6	7555	F6	9604	E2
3678	E2	6053	C6	7556	F6	9605	E2
3679	D3	6054	B6	7561	E2	9606	E2
3680	D3	6055	B6	7563	E2	9607	E2
3682	E1	6115	D6	7571	G6	9608	C1
3683	D1	6116	D6	7600	D1	9609	C1
3684	D1	6119	D6	7605	D3	9610	D1
3685	E1	6120	D6	7654	E2	9611	D1
3686	D3	6135	A8	7658	D3	9612	C1
3687	D4	6170	A8	7665	D2	9613	D3
3688	D4	6172	A5	7670	D3	9614	D1
3689	D4	6289	E9	7672	E2	9615	E3
3690	G1	6306	A2	7674	E1	9616	E3
3692	D1	6365	C8	7685	D1	9617	D2
3693	D4	6370	C7	7686	D4	9618	C2
3695	D1	6415	G10	7875	A10	9685	B1
3696	D1	6416	G10	7876	C10	9850	B9
3697	D1	6443	E8	7877	B9	9851	B9
3698	D1	6446	H8	9001	C10	9852	A10
3699	H1	6447	H8	9002	C9	9909	E4
3850	A10	6448	H7	9003	C9	9910	E10
3851	B10	6449	F8	9004	D10	9911	D5
3852	A9	6450	F8	9005	E8	9912	C5
3853	B10	6451	F7	9010	C8	9913	C5
3854	C10	6452	F8	9011	D8	9914	D4
3855	B10	6453	E6	9012	C9	9915	D5
3856	B10	6470	F8	9013	B9	9916	D5
3857	B9	6502	I3	9014	B7	9917	C5
3858	A10	6503	I4	9015	D8	9918	C4
3859	A10	6504	H3	9016	B7	9919	C4
3860	C10	6505	H4	9018	B7	9920	D4
3861	B1	6511	H4	9019	B6	9923	E4
3862	A10	6513	F3	9020	B6	9924	D4
3865	A9	6514	F3	9021	B7	9925	C6
3866	A10	6515	F6	9022	C6	9926	E10
3871	B9	6516	F6	9023	C6	9927	B5
3875	A10	6517	G3	9024	C6	9929	B7
3876	A10	6521	F3	9025	C6	9930	B9
3878	B9	6522	F4	9026	C6	9931	B9
3879	C10	6523	G4	9027	D6	9932	C5
3880	B10	6530	H6	9028	B6	9933	B9
3881	B9	6537	H6	9029	B6	9934	C9
3882	B9	6540	F6	9030	C6	9937	D5
3883	B10	6545	E5	9032	D6	M1	H1
3901	C5	6549	F5	9101	D7	M2	G3
3902	B9	6553	E5	9102	D6	M3	A1
5010	D8	6554	H5	9135	B7	M4	F9
5012	D7	6555	G6	9136	B7	M5	G8
5018	B7	6557	G6	9137	B7	M6	F9
5030	B7	6558	G6	9138	B6	M7	A4
5032	C6	6559	H6	9139	A4	M9	B1
5040	B8	6561	H6	9140	B6	M10	B1
5043	B8	6562	F1	9141	B5	M11	A9
5102	D8	6565	E1	9142	A7	M12	A8
5104	D7	6566	E1	9143	B5	M13	B1
5106	D7	6568	F2	9145	A5	M14	A10
5138	A6	6569	F6	9146	B9	TP1	C7
5139	A6	6570	F6	9148	A6	TP2	B3
5177	A6	6573	F5	9149	B8	TP3	B2
5250	B3	6602	E4	9260	B4	TP4	B2
5251	C5	6603	F1	9261	C5	TP5	B5
5255	B4	6604	F1	9262	A3	TP6	B5
5258	B3	6605	E1	9263	B4	TP7	B4
5259	B3	6606	C2	9264	B4	TP8	B4
5284	B4	6658	D4	9265	A2	TP9	B4
5285	B4	6663	H1	9266	B4	TP10	C8
5286	B4	6677	C5	9267	C5	TP11	C9
5296	A4	6679	D4	9268	C3	TP12	A2
5320	A3	6698	G1	9269	B4	TP13	C8
5440	H10	6849	B9	9270	A4	TP14	C8
5441	H9	6850	B10	9271	C5	TP15	H9
5443	F8	6851	B10	9272	C5	TP16	H9
5445	G9	6852	B10	9273	B5	TP17	H8
5447	G7	6853	B10	9274	B5	TP18	H10
5449	F8	6854	B10	9401	F9	TP19	H10
5452	F8	6855	B10	9403	E9	TP20	H3
5453	E7	6865	A10	9427	G8	TP21	F4
5454	F7	7002	D10	9441	G7	TP22	H4
5470	F9	7015	C8	9442	E7	TP23	F3
5500	G1	7027	D6	9443	F9	TP24	G4
5503	F4	7030	C6	9444	E9	TP25	E4
5515	H3	7038	C7	9445	H8	TP26	C1
5521	F3	7125	D5	9446	G7	TP27	E1
5524	G4	7135	A7	9450	F8	TP28	D2
5525	G5	7156	A9	9451	E6	TP29	D2
5529	G4	7157	A4	9452	F8	TP30	D2
5530	G4	7158	A5	9453	H10	TP31	D2
5531	H6	7170	A8	9454	F7	TP32	D3
5532	G6	7221	A2	9455	F8	TP34	A6
5533	H6	7250	B2	9456	F9	TP35	A7
5534	G6	7251	B3	9502	G4	TP36	A7
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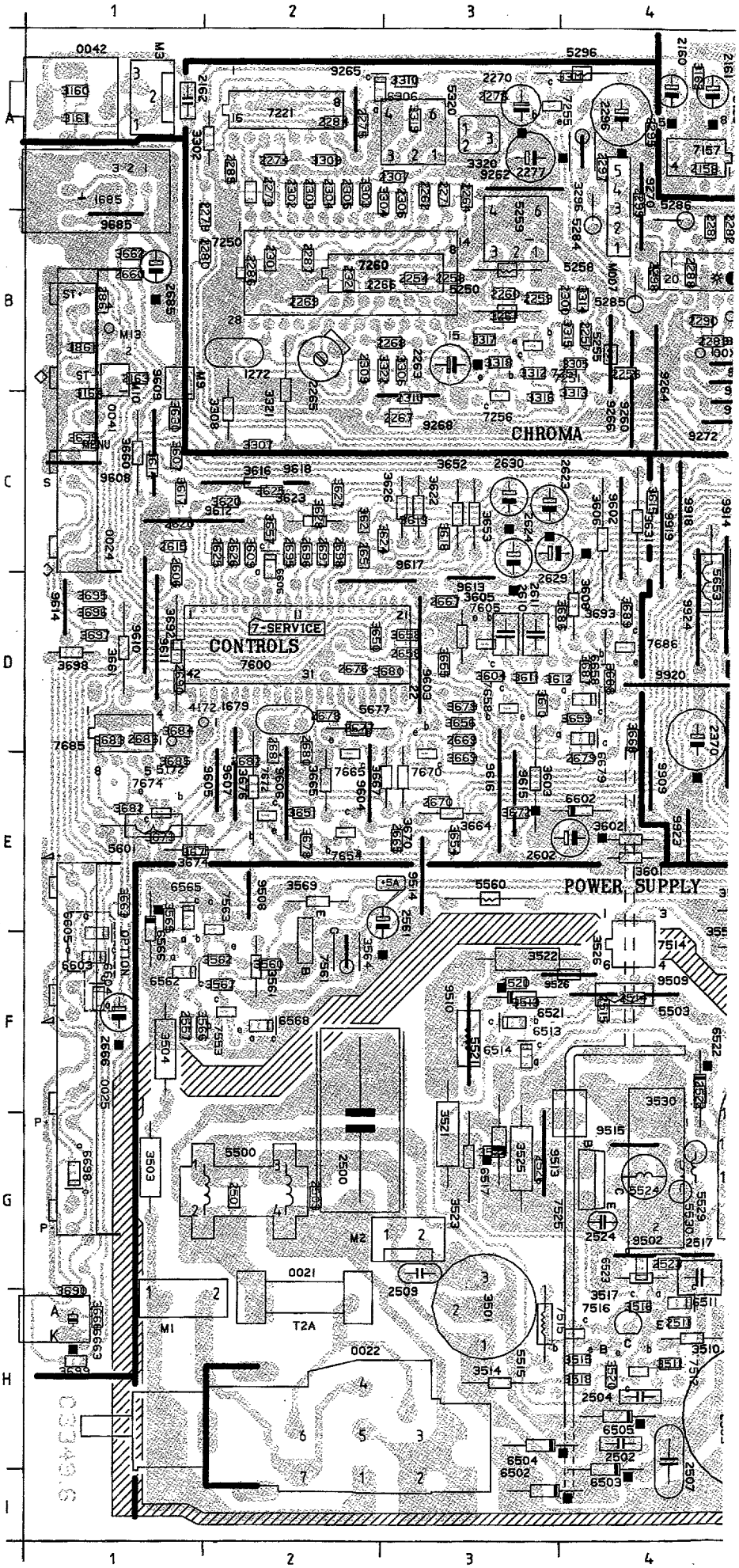
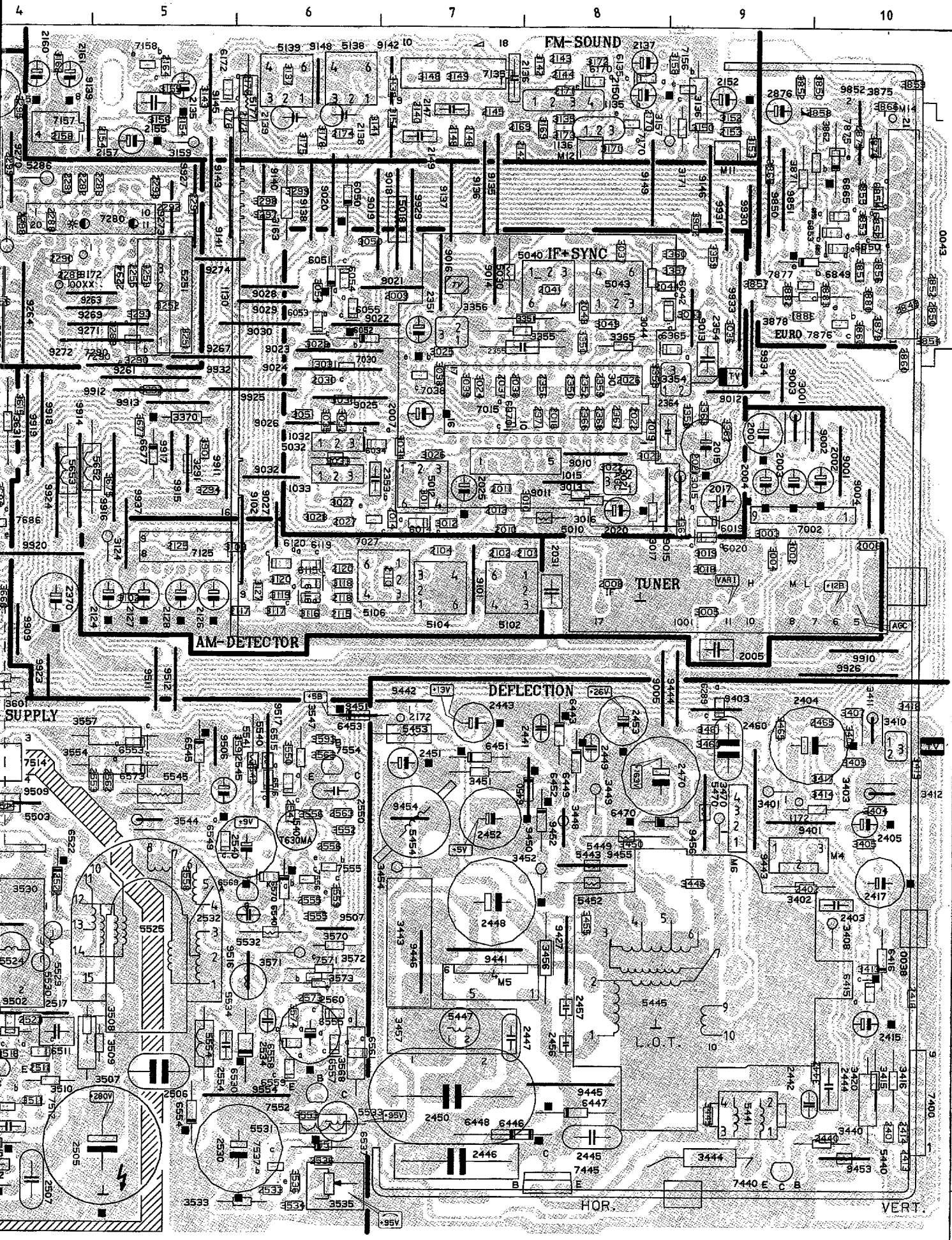
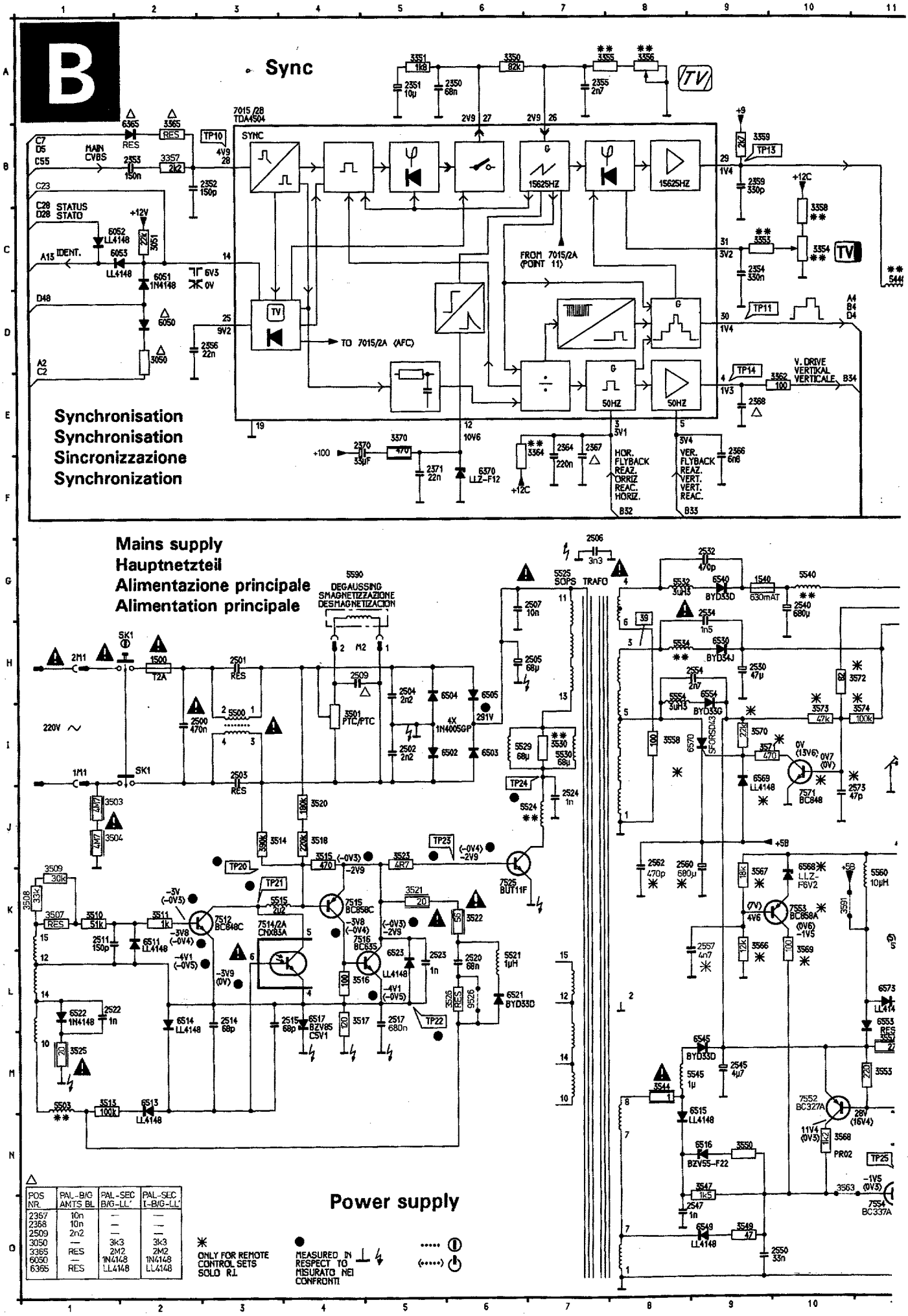
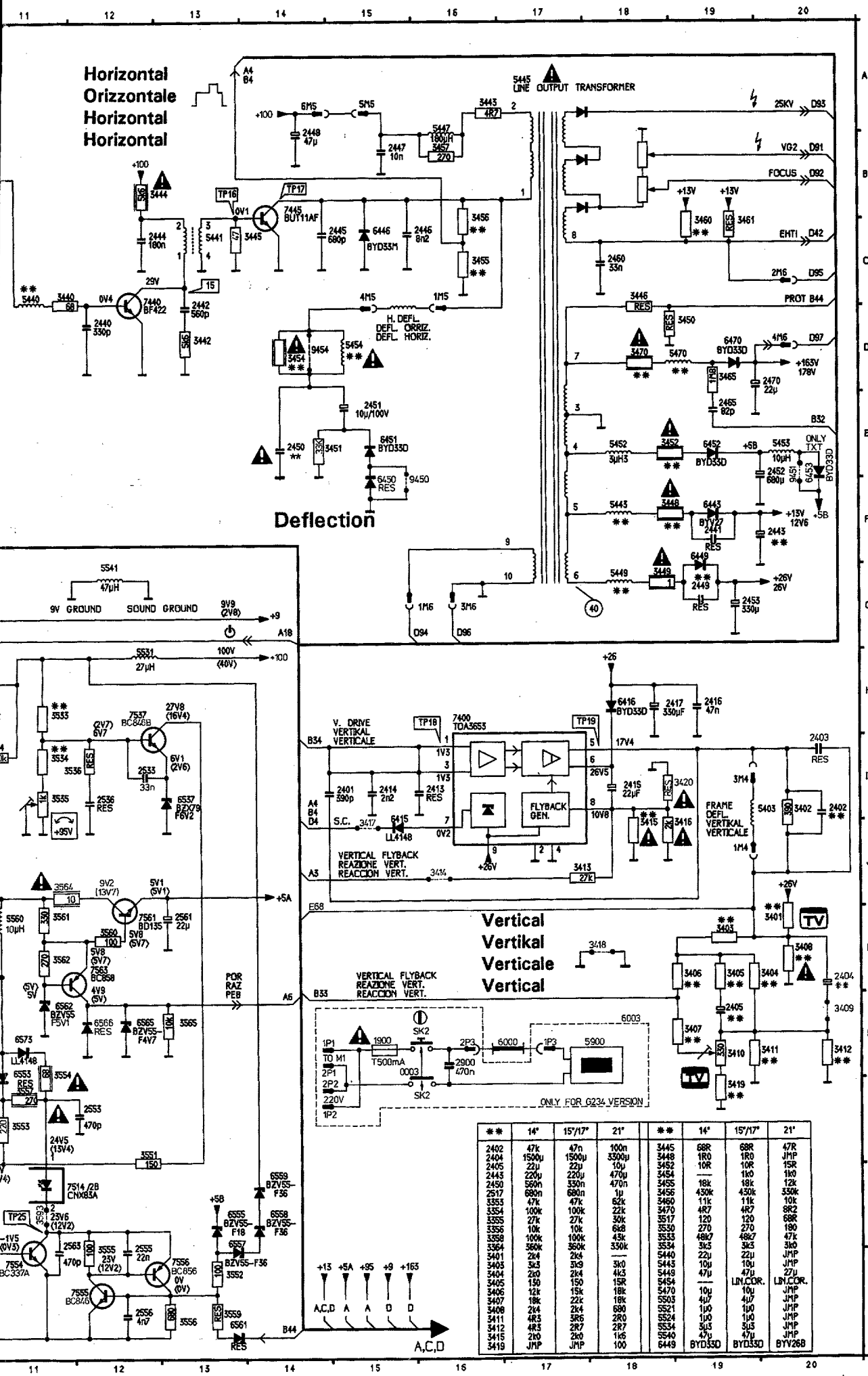



FM-SOUND
IF+SYNC
EURO
TUNER
AM-DETECTOR
SUPPLY
DEFLECTION
L.O.T.
HOR.
VERT.

Power supply / Stromversorgung / Alimentation


B
Sync
Synchronisation
Synchronisation
Sincronizzazione
Synchronization
Mains supply
Hauptnetzteil
Alimentazione principale
Alimentation principale
Power supply
ONLY FOR REMOTE CONTROL SETS SOLO R.T.
MEASURED IN RESPECT TO MISURATO NEI CONFRONTI
POS NR. | PAL-B/G AMTS BL | PAL-SEC B/G-LL' | PAL-SEC I-B/G-LL'
2367 | 10n | — | —
2368 | 10n | — | —
2509 | 2n2 | — | —
3050 | — | 3k3 | 3k3
3365 | RES | 2M2 | 2M2
6050 | — | 1N4148 | 1N4148
6365 | RES | LL4148 | LL4148

Synchronisation / Synchronisierung /



**	14"	15"/17"	21"
2402	47k	47n	100n
2404	1500µ	1500µ	3300µ
2405	22µ	22µ	10µ
2443	220µ	220µ	470µ
2450	330n	330n	470n
2517	680n	680n	1µ
3353	47k	47k	62k
3354	100k	100k	22k
3355	27k	27k	30k
3356	10k	10k	6k8
3358	100k	100k	45k
3364	360k	360k	330k
3401	2k4	2k4	—
3403	3k3	3k9	3k0
3404	2k0	2k4	4k3
3405	150	150	15R
3406	12k	15k	18k
3407	18k	22k	18k
3408	2k4	2k4	680
3411	4R3	3R6	2R0
3412	4R3	2R7	2R7
3415	2k0	2k0	1k6
3419	JMP	JMP	100

**	14"	15"/17"	21"
3445	68R	68R	47R
3448	1R0	1R0	JMP
3452	10R	10R	15R
3454	—	1k0	1k0
3455	18k	18k	12k
3456	430k	430k	330k
3460	11k	11k	10k
3470	4R7	4R7	8R2
3517	120	120	68R
3530	270	270	180
3533	48k7	48k7	47k
3534	3k3	3k3	3k0
5440	22µ	22µ	JMP
5443	10µ	10µ	JMP
5449	47µ	47µ	27µ
5454	—	LIN.COR.	LIN.COR.
5470	10µ	10µ	JMP
5503	4µ7	4µ7	JMP
5521	1µ0	1µ0	JMP
5524	1µ0	1µ0	JMP
5534	3µ3	3µ3	JMP
5540	47µ	47µ	JMP
6449	BYD33D	BYD33D	BYV26B

SK1	H2	34
SK1	I2	34
SK2	L16	34
1500	H2	34
1540	G9	34
1900	L15	34
2350	A6	34
2351	A5	34
2352	B3	34
2353	B2	34
2354	C9	34
2355	A7	34
2356	D3	34
2359	B9	34
2364	E7	34
2366	F9	34
2367	E7	34
2368	E9	34
2370	E5	34
2371	F5	34
2401	I15	34
2402	I20	34
2403	I20	34
2404	K20	34
2404	L20	34
2405	L19	34
2413	I16	34
2414	I15	34
2415	I18	34
2416	H19	34
2417	H19	34
2440	D12	34
2441	F19	34
2442	D13	34
2443	F20	34
2444	C13	34
2445	C15	3
2446	C16	3
2447	B15	3
2448	B14	3
2449	G19	3
2450	E14	3
2451	E15	3
2452	E20	3
2453	G19	3
2460	C18	3
2465	E19	3
2470	D20	3
2500	I2	3
2501	H3	3
2502	I5	3
2503	I3	3
2504	H5	3
2505	H7	3
2506	G7	3
2507	G7	3
2509	H4	3
2511	K1	3
2514	L3	3
2515	L4	3
2517	L5	3
2520	L6	3
2522	L1	3
2523	L5	3
2524	J7	3
2525	J6	3
2530	H9	3
2532	G9	3
2533	I12	3
2534	G9	3
2536	I12	3
2540	G10	3
2544	M8	3
2545	M9	3
2547	O9	3
2550	O10	3
2553	M12	3
2554	H9	3
2555	O12	3
2556	O12	3
2557	L8	3
2560	K8	3
2561	K13	3
2562	K8	3
2563	N11	3
2573	J11	3
2900	L16	3
3050	D2	3
3051	C2	3
3317	B2	3
3350	A6	3
3351	A5	3
3353	C9	3
3354	C10	3
3355	A8	3
3356	A8	3
3357	B2	3
3358	C10	3
3359	B9	3
3362	E10	3
3364	F7	3
3365	B2	3
3370	E5	3
3401	K20	3
3402	I20	3
3403	K19	3
3404	K20	3

Synchronisation

SK1	H2	3405	K19	5524	J7
SK1	I2	3406	K19	5525	G7
SK2	L16	3407	L19	5529	I6
1500	H2	3408	K20	5530	I7
1540	G9	3409	L20	5531	H12
1900	L15	3410	L19	5532	G8
2350	A6	3411	L20	5534	H8
2351	A5	3412	L20	5540	G10
2352	B3	3413	J17	5541	G12
2353	B2	3414	J16	5545	M9
2354	C9	3415	J18	5554	H8
2355	A7	3416	J19	5560	K11
2356	D3	3417	J15	5900	L18
2359	B9	3418	K18	6000	L17
2364	E7	3419	M19	6003	L18
2366	F9	3440	C11	6050	D2
2367	E7	3442	D13	6051	C2
2368	E9	3443	A16	6052	C2
2370	E5	3444	B13	6053	C2
2371	F5	3445	C14	6365	B2
2401	I15	3446	C18	6370	F6
2402	I20	3447	A16	6415	J15
2403	I20	3448	F19	6416	H18
2404	K20	3449	G18	6443	H19
2404	L20	3450	D19	6446	C15
2405	L19	3451	E15	6450	F15
2413	I16	3452	E19	6451	E15
2414	I15	3453	A15	6452	E19
2415	I18	3454	D14	6453	E20
2416	H19	3455	C16	6470	D19
2417	H19	3456	C16	6502	I6
2440	D12	3457	B16	6503	I6
2441	F19	3460	C19	6504	H6
2442	D13	3461	C19	6505	H6
2443	F20	3465	D19	6511	K2
2444	C13	3470	D18	6513	M2
2445	C15	3501	I4	6514	L2
2446	C16	3503	J1	6515	N9
2447	B15	3504	J1	6516	N9
2448	B14	3507	K1	6517	L4
2449	G19	3508	K1	6521	L6
2450	E14	3509	K1	6522	L1
2451	E15	3510	K1	6523	L5
2452	E20	3511	K2	6530	H9
2453	G19	3513	M1	6537	I13
2460	C18	3514	J3	6540	G9
2465	E19	3515	J4	6545	M9
2470	D20	3516	L4	6549	O9
2500	I2	3517	L4	6553	L11
2501	H3	3518	J4	6554	H9
2502	I5	3520	J4	6555	N13
2503	I3	3521	K5	6557	N13
2504	H5	3522	K6	6558	N14
2505	H7	3523	J5	6559	N14
2506	G7	3525	M1	6561	O13
2507	G7	3526	L6	6562	L11
2509	H4	3530	I7	6565	L12
2511	K1	3533	H11	6566	L12
2514	L3	3534	I11	6568	K10
2515	L4	3535	I11	6569	I9
2517	L5	3536	I12	6570	I9
2520	L6	3547	N9	6573	L11
2522	L1	3549	O9	7015	A3
2523	L5	3550	N9	7400	H16
2524	J7	3551	M12	7440	C12
2525	J6	3552	O13	7445	B14
2530	H9	3553	M11	7512	K3
2532	G9	3554	L11	7514	N11
2533	I12	3555	O12	7514	K3
2534	G9	3556	O13	7515	K4
2536	I12	3557	M11	7516	K4
2540	G10	3558	I8	7525	K6
2544	M8	3559	O13	7537	H12
2545	M9	3560	K12	7552	M10
2547	O9	3561	K11	7553	K10
2550	O10	3562	K11	7554	O11
2553	M12	3563	N10	7555	O12
2554	H9	3563	O10	7556	O13
2555	O12	3564	J11	7561	K12
2556	O12	3565	L13	7563	K12
2557	L8	3566	L9	7571	J10
2560	K8	3567	K9	9450	F15
2561	K13	3568	N10	9451	E20
2562	K8	3569	L10	9454	D14
2563	N11	3570	I9	9526	L6
2573	J11	3571	I9		
2900	L16	3572	H11		
3050	D2	3573	I10		
3051	C2	3574	I11		
3317	B2	3591	K10		
3350	A6	3593	N11		
3351	A5	5403	I20		
3353	C9	5440	C11		
3354	C10	5441	C13		
3355	A8	5443	F18		
3356	A8	5445	A17		
3357	B2	5447	A16		
3358	C10	5449	G18		
3359	B9	5452	E18		
3362	E10	5453	E20		
3364	F7	5454	D15		
3365	B2	5470	D19		
3370	E5	5500	I3		
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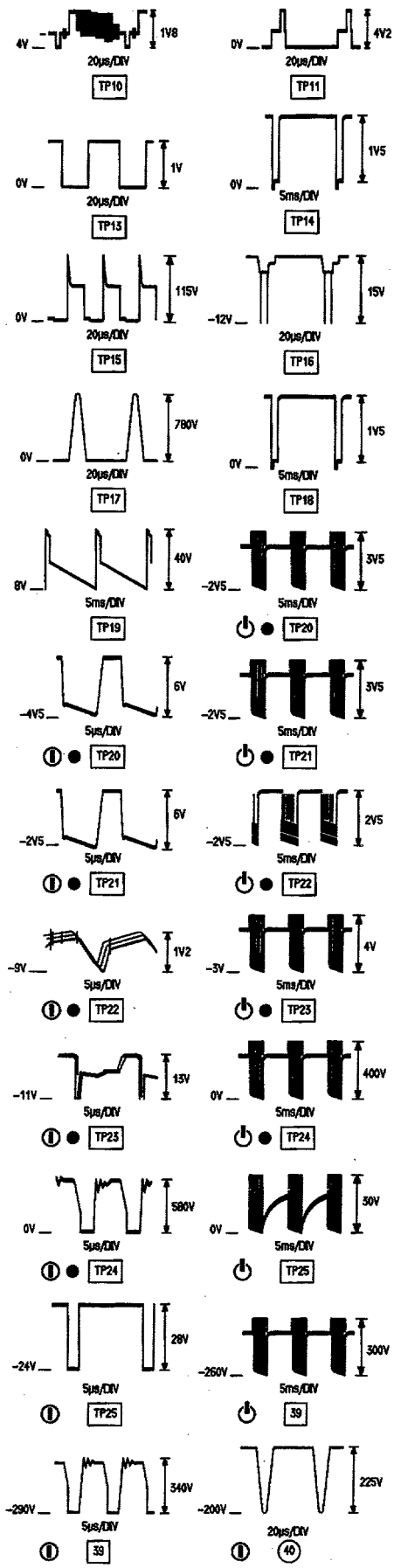
3402	I20	5515	K3		
3403	K19	5519	J5		
3404	K20	5521	L6		



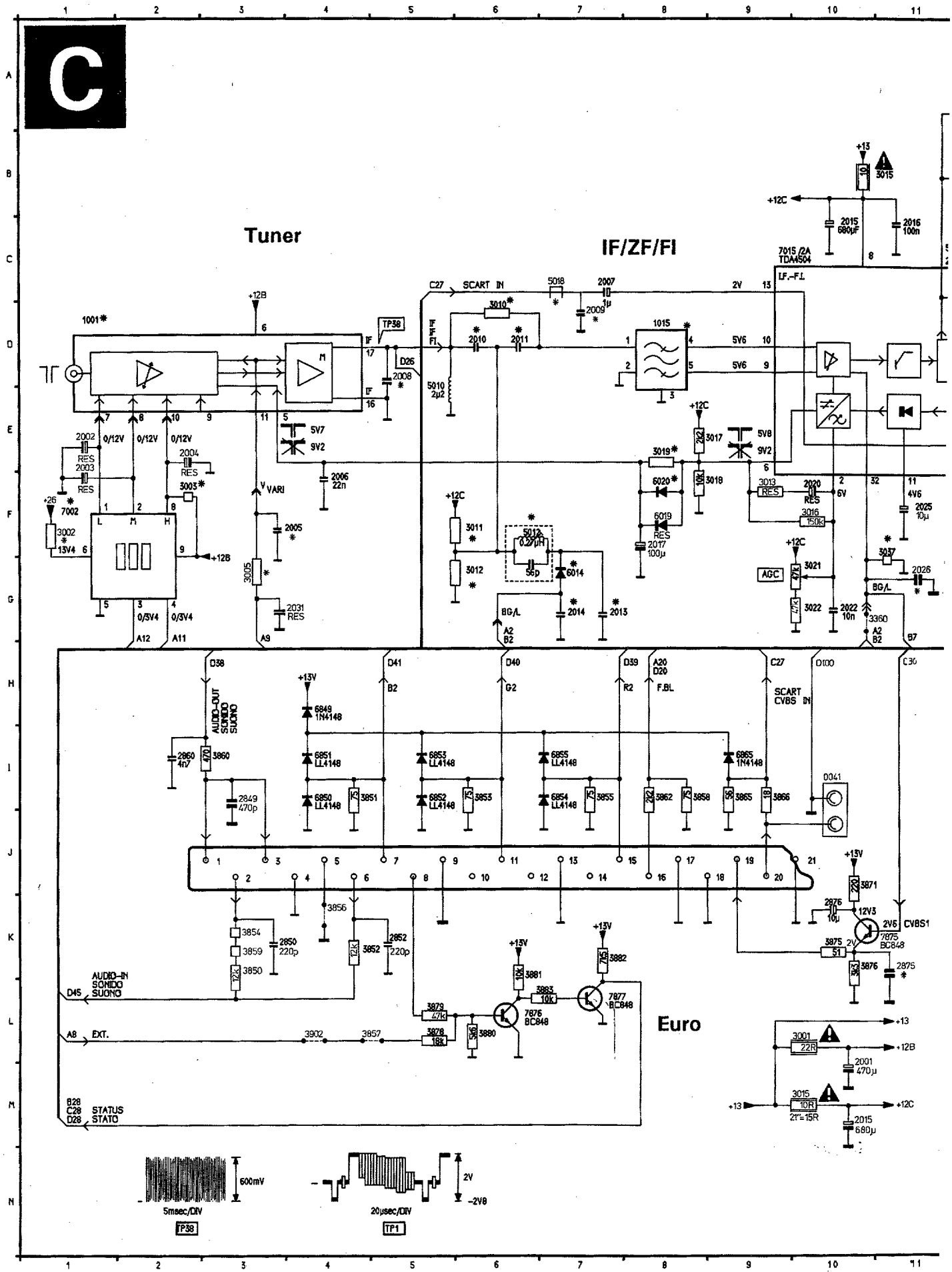
SOPS REPAIR KIT

SBC 7021
4822 310 20491

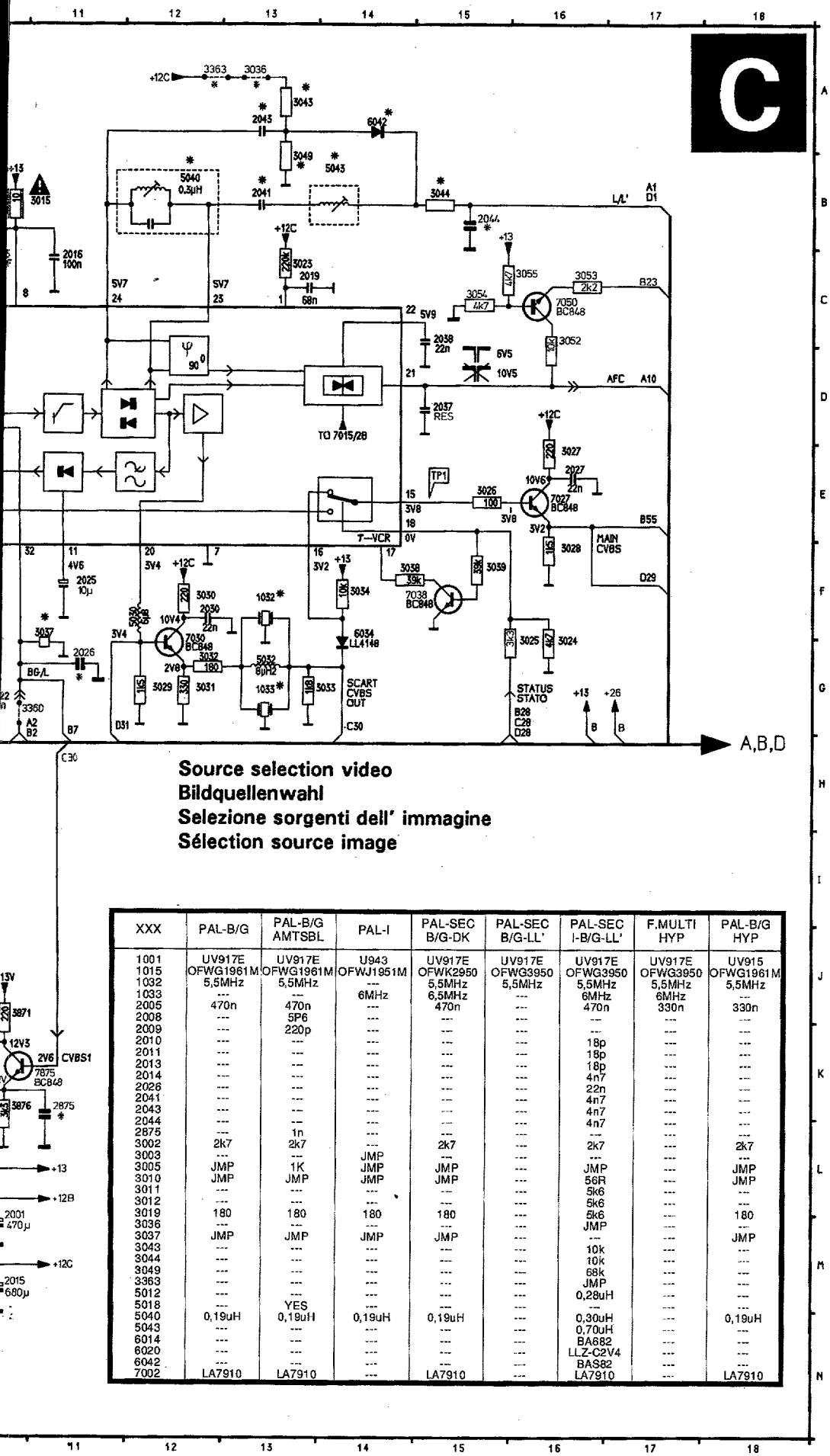
1500	6517
6502	6523
6503	7512
6504	7514
6505	7515
6511	7516
6513	7525
6514	

Tuner IF / ZF / FI

Source selection /



on / Quellenwahl / Sélection de source

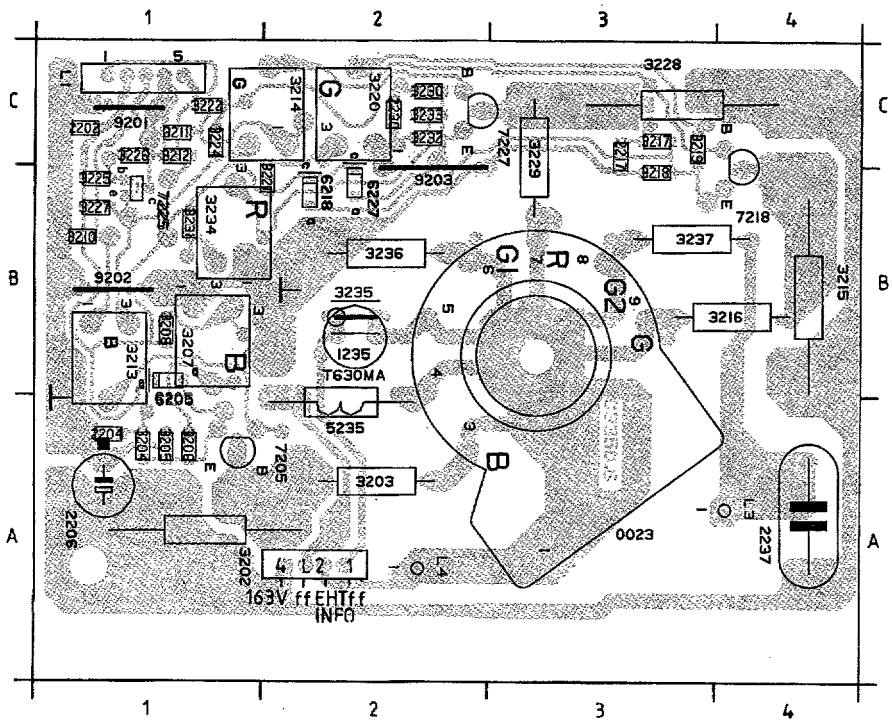


Source selection video
Bildquellenwahl
Selezione sorgenti dell' immagine
Sélection source image

XXX	PAL-B/G	PAL-B/G AMTSBL	PAL-I	PAL-SEC B/G-DK	PAL-SEC B/G-LL'	PAL-SEC I-B/G-LL'	F.MULTI HYP	PAL-B/G HYP
1001	UV917E	UV917E	U943	UV917E	UV917E	UV917E	UV917E	UV915
1015	OFWG1961M	OFWG1961M	OFWJ1951M	OFWK2950	OFWG3950	OFWG3950	OFWG3950	OFWG1961M
1032	5,5MHz	5,5MHz	---	5,5MHz	5,5MHz	5,5MHz	5,5MHz	5,5MHz
1033	---	---	6MHz	6,5MHz	---	6MHz	6MHz	---
2005	470n	470n	---	470n	---	470n	330n	330n
2008	---	5P6	---	---	---	---	---	---
2009	---	220p	---	---	---	---	---	---
2010	---	---	---	---	---	18p	---	---
2011	---	---	---	---	---	18p	---	---
2013	---	---	---	---	---	18p	---	---
2014	---	---	---	---	---	4n7	---	---
2026	---	---	---	---	---	22n	---	---
2041	---	---	---	---	---	4n7	---	---
2043	---	---	---	---	---	4n7	---	---
2044	---	---	---	---	---	4n7	---	---
2875	---	1n	---	---	---	---	---	---
3002	2k7	2k7	---	2k7	---	2k7	---	2k7
3003	---	---	JMP	---	---	---	---	---
3005	JMP	1K	JMP	JMP	---	JMP	---	JMP
3010	JMP	JMP	JMP	JMP	---	56R	---	JMP
3011	---	---	---	---	---	5k6	---	---
3012	---	---	---	---	---	5k6	---	---
3019	180	180	180	180	---	5k6	---	180
3036	---	---	---	---	---	JMP	---	---
3037	JMP	JMP	JMP	JMP	---	---	---	JMP
3043	---	---	---	---	---	10k	---	---
3044	---	---	---	---	---	10k	---	---
3049	---	---	---	---	---	68k	---	---
3363	---	---	---	---	---	JMP	---	---
5012	---	---	---	---	---	0,28uH	---	---
5018	---	YES	---	---	---	---	---	---
5040	0,19uH	0,19uH	0,19uH	0,19uH	---	0,30uH	---	0,19uH
5043	---	---	---	---	---	0,70uH	---	---
6014	---	---	---	---	---	BA682	---	---
6020	---	---	---	---	---	LLZ-C2V4	---	---
6042	---	---	---	---	---	BAS82	---	---
7002	LA7910	LA7910	---	LA7910	---	LA7910	---	LA7910

0041 I10
1001 D1
1015 D8
1032 F13
1033 G13
2001 M10
2001 C3
2002 E1
2003 F1
2004 E2
2005 F4
2006 F4
2007 C7
2008 D5
2009 D7
2010 D6
2011 D6
2012 E6
2013 G7
2014 G7
2015 M10
2015 C10
2016 C11
2017 F8
2018 G8
2019 C13
2020 F10
2022 G10
2025 F11
2026 G11
2027 E16
2030 F12
2031 G5
2037 D15
2038 C15
2041 B13
2043 A13
2044 B15
2850 K30
2852 K5
2860 I2
2876 K10
3001 L10
3001 C3
3002 F1
3002 G1
3003 F2
3005 G3
3010 D6
3011 F6
3012 G6
3013 F10
3013 F9
3015 B11
3015 M10
3016 F9
3016 F10
3017 E9
3018 F9
3019 E8
3021 G10
3022 G10
3023 C13
3024 G16
3025 G16
3026 E15
3027 E16
3028 F16
3029 G12
3030 F12
3031 G12
3032 G12
3033 G13
3034 F14
3036 A13
3037 F11
3038 F14
3039 F15
3043 A13
3044 B15
3049 B13
3052 D16
3053 C16
3054 C15
3055 C15
3360 G10
3363 A12
3850 K3
3851 I4
3852 K5
3853 I6
3855 I7
3856 K4
3857 L4
3858 I8
3860 I3
3862 I8
3865 I9
3866 I9
3871 J10
3875 K10
3876 K10
3878 L5
3879 L5
3880 L6
3881 L6
3882 K7
3883 L7
3902 L4
5010 E5
5012 F6
5018 C7
5030 F12
5032 G13
5040 B12
5043 B14
6014 G7
6019 F8
6020 F8
6034 F14
6042 A14
6849 H4
6850 I4
6851 I4
6852 I5
6853 I5
6854 I7
6855 I7
6865 I9
7002 F1
7015 C9
7027 E16
7030 E16
7038 F15
7039 F15
7050 C16
7875 K11
7876 L6
7877 L7

CRT panel / Bildröhren Platte / Platine TRC



1235	B2	3205	A1	3216	B4	3227	B1	3237	B3	9202	B1
2202	C1	3206	A1	3217	C3	3228	C3	5235	A2	9203	C2
2204	A1	3207	B1	3218	B3	3229	C3	6205	B1	L1	C1
2206	A1	3208	B1	3219	C3	3230	C2	6218	B2	L2	A2
2217	C3	3210	B1	3220	C2	3231	B1	6227	B2	L3	A4
2230	C2	3211	C1	3221	B2	3232	C2	7205	A1	L4	A2
2237	A4	3212	C1	3222	C1	3233	C2	7218	C4		
3202	A1	3213	A1	3224	C1	3234	B1	7225	B1		
3203	A2	3214	C2	3225	B1	3235	B2	7227	C2		
3204	A1	3215	B4	3226	C1	3236	B2	9201	C1		

Δ

POS. NR.	SYSTEM BG	PAL-BG AMTSBL	SYSTEM I	SYSTEM BGDK	SYSTEM BGLL'	SYSTEM BGI LL'
1135	SFT5,5MHz	SFT5,5MHz	SFT6,0MHz	SFT5,5MHz	SFT5,5MHz	SFT5,5MHz
1136	---	---	820P	SFT6,5MHz	---	SFT6,0MHz
2138	1n	1n	---	1n	1n	820p
2139	---	---	---	820p	---	---
2144	---	1n2	---	---	---	---
2154	---	10n	---	---	---	---
2170	---	---	---	---	---	10n
2171	---	---	---	JMP	---	4n7
2172	---	---	---	---	---	100
2174	---	---	---	---	---	180p
2175	---	---	---	---	---	1n5
2176	---	---	---	---	---	10n
2288	---	---	---	---	---	---
3137	---	---	---	JMP	---	---
3141	---	---	---	---	3k3	3k3
3170	---	---	---	---	---	47k
3171	---	---	---	---	---	4k7
3172	---	---	---	---	---	4k7
3173	---	---	---	620	---	620
3175	---	---	---	---	---	1k0
5139	---	---	---	0,75uH	---	---
5177	---	---	---	---	---	100uH
5255	JMP	JMP	JMP	JMP	JMP	JMP
6170	---	---	---	JMP	---	BAS82
6172	---	---	---	---	---	BAS82
7170	---	---	---	---	---	BC848
9148	JMP	JMP	JMP	---	JMP	JMP

D

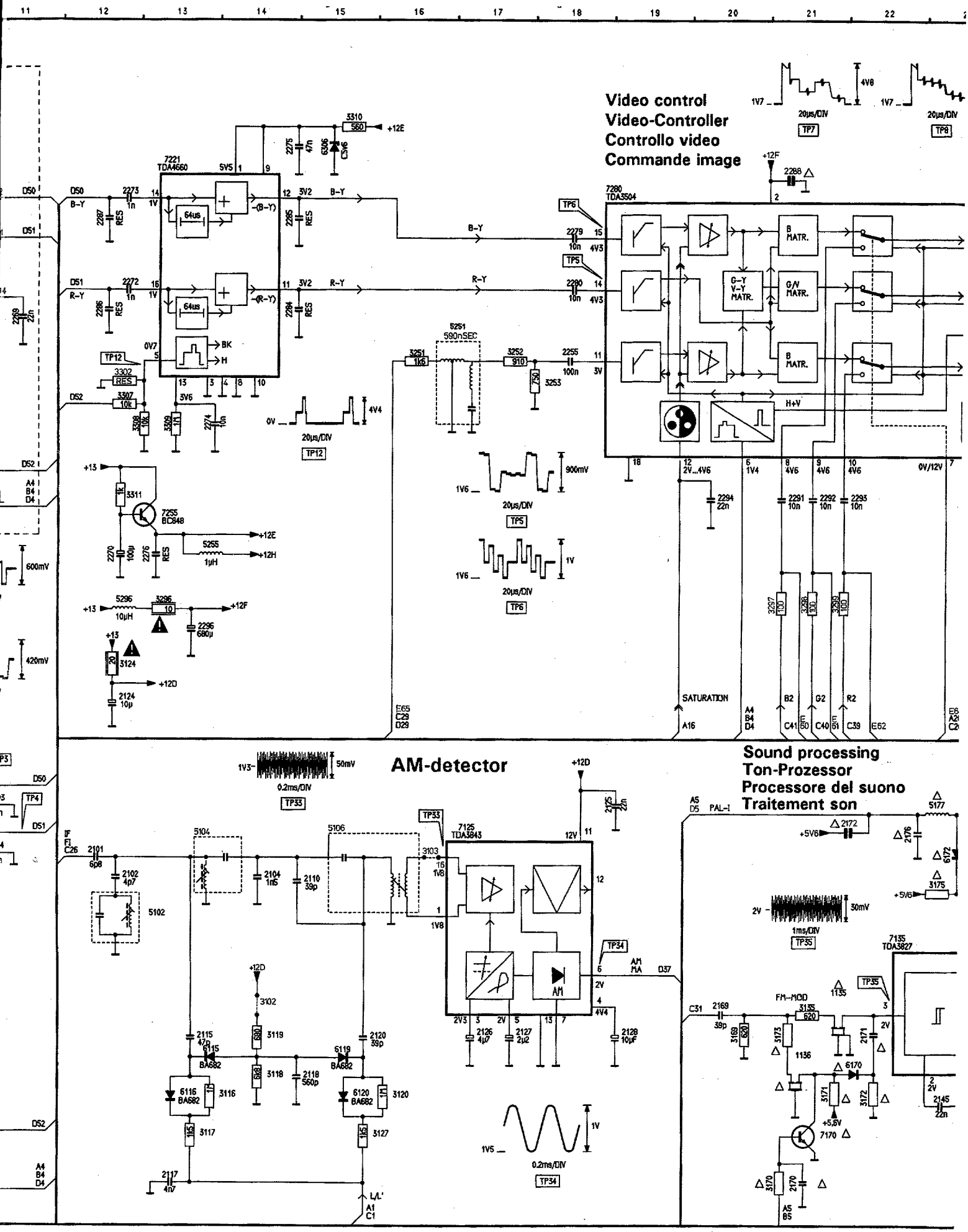
ONLY PAL SETS
SOLO PAL

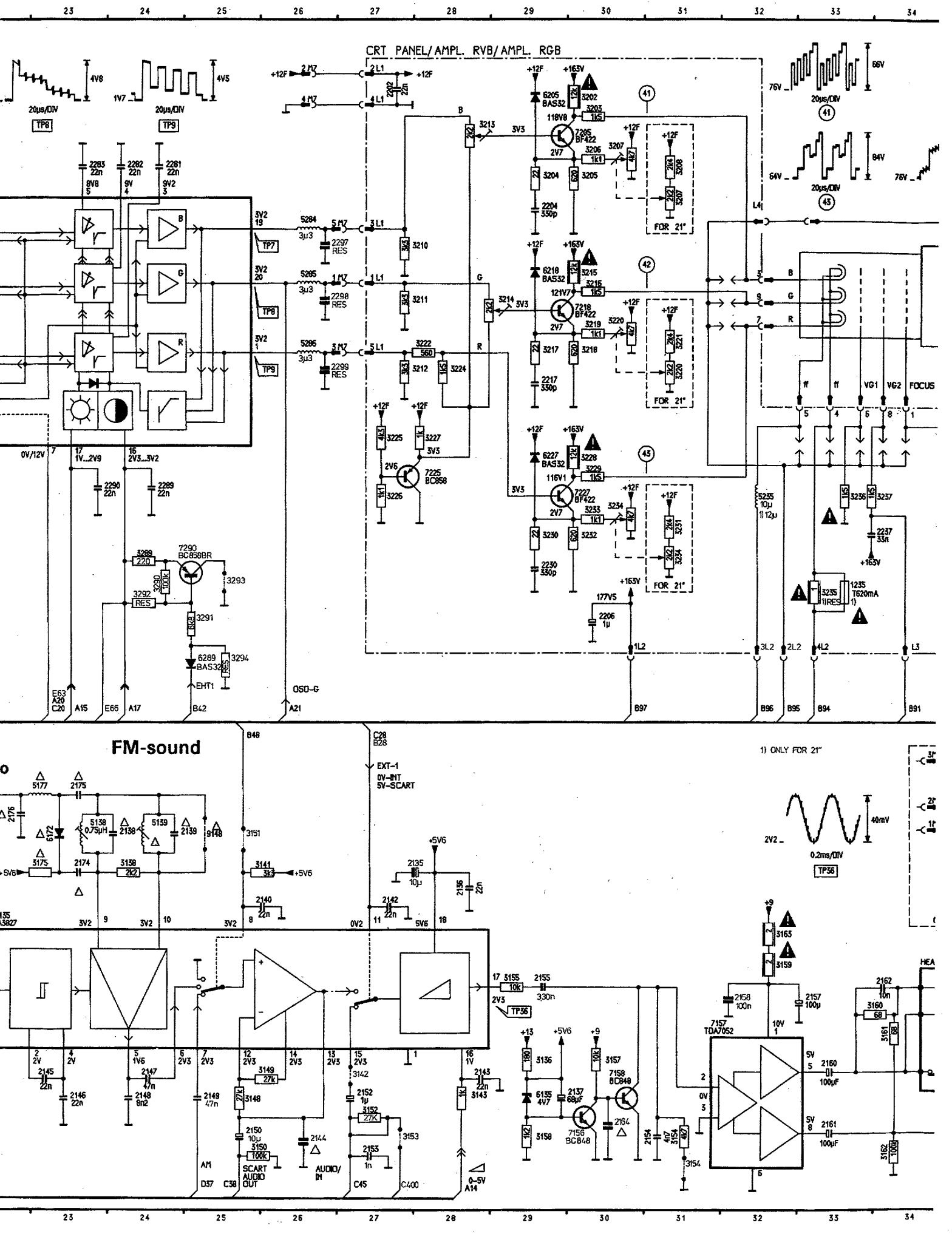
Chroma

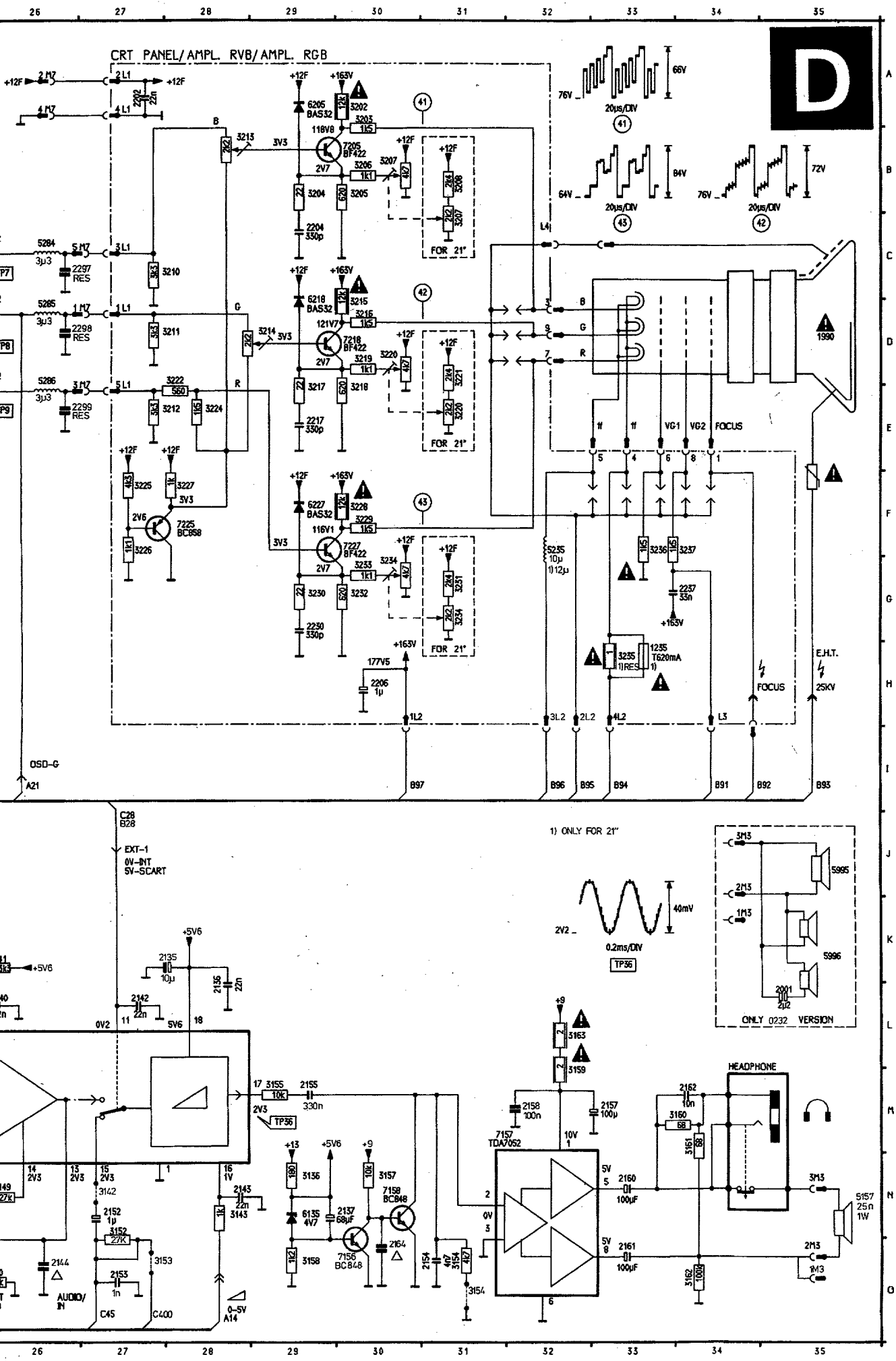
Chrominance processing
Crominanz-Prozessor
Processore della crominanza
Traitement chrominance

A,B,C

CRT panel / Bildröhren platte / Platine TRC




CRT PANEL/AMPL. RVB/AMPL. RGB
FM-sound
1) ONLY FOR 21"
FOR 21"
TP6
TP7
TP8
TP9
TP36
EXT-1
0V-INT
5V-SCART
SCART AUDIO OUT
AUDIO/ IN
AM
FOCUS
VG1
VG2
EHT1
OSD-G
0-5V
BAS32
BC858
BC848
BF422
TDA7052
T620mA



1135 M21 3160 M34
1136 M21 3161 M34
1235 H33 3162 O34
1272 O8 3163 L32
1272 F5 3169 M20
2001 L35 3170 O21
2101 K12 3171 N21
2102 K12 3172 N22
2104 K14 3173 M21
2110 K15 3175 K23
2115 M13 3202 A30
2117 O13 3203 A30
2118 N15 3204 B29
2120 M16 3205 B30
2124 I12 3206 B30
2125 J18 3207 B30
2126 M17 3207 C31
2127 M17 3208 B31
2128 M19 3210 C28
2136 L28 3211 D28
2137 N30 3212 B28
2138 K24 3213 B28
2139 K25 3214 D29
2140 L26 3215 D30
2142 L27 3216 D30
2143 N28 3217 E29
2144 O26 3218 E30
2145 N23 3219 D30
2146 N23 3220 D30
2147 N24 3220 E31
2148 N24 3221 D31
2149 N25 3222 D28
2150 O25 3224 F29
2151 N26 3225 F27
2152 N27 3226 F27
2153 O27 3227 F28
2154 O31 3228 F30
2155 M29 3229 F30
2157 M33 3230 G29
2160 N33 3231 G31
2161 O33 3232 G30
2162 M34 3233 G30
2164 O34 3234 G31
2169 M20 3234 G31
2170 O21 3235 H33
2171 M22 3236 F33
2172 K27 3237 F34
2174 K23 3251 E16
2175 J23 3252 D17
2176 K22 3253 E18
2202 A27 3269 O5
2204 O29 3289 G24
2206 H30 3290 G24
2217 L29 3291 H25
2230 G29 3292 H24
2237 G34 3293 H25
2254 J6 3294 I25
2255 D18 3296 H13
2256 B2 3297 H21
2256 J1 3298 H21
2257 J1 3299 H21
2257 B2 3303 I8
2258 C2 3304 I8
2258 K2 3305 B2
2259 B3 3305 L1
2259 J4 3306 F5
2260 K4 3306 N7
2260 B3 3307 E12
2262 A6 3308 E12
2265 I7 3309 E13
2263 D3 3310 B15
2263 I6 3311 F12
2264 I5 3312 C12
2264 B4 3313 L1
2265 F5 3314 K2
2265 N8 3315 K2
2266 F4 3316 M2
2266 O9 3317 M3
2267 N6 3318 M3
2267 F5 3319 H8
2268 F6 3320 H8
2268 N6 3321 N10
2269 D11 3321 F10
2269 O5 3322 N6
2270 G12 3322 F6
2271 B9 5102 L13
2271 L4 5104 K14
2272 D12 5106 K16
2273 B12 5138 K23
2274 E13 5139 K24
2275 B14 5177 J23
2276 G13 5235 F32
2277 A9 5251 D16
2277 L4 5255 G13
2279 C18 5258 B2
2280 D18 5259 K3
2281 B24 5284 C26
2282 B24 5285 D26
2283 B23 5286 D26
2284 D14 5296 H12
2285 C14 5320 H8
2286 D12 6115 M13
2287 C12 6116 N13
2288 B21 6119 M15
2289 F24 6120 N15
2290 F23 6135 N29
2291 F21 6170 N22
2292 F21 6172 K23
2293 F22 6205 A29
2294 F20 6218 D29
2296 H13 6227 F29
2297 O26 6289 G24
2298 E26 6289 J25
2299 E26 6306 B15
2300 K2 7125 K17
2301 I10 7135 L22
2302 I9 7156 O30
2303 J11 7157 M31
2304 K11 7158 N30
2305 I9 7170 N21
2306 I7 7205 B30
2307 I8 7218 D30
2309 O5 7221 B13
2310 O6 7225 F28
2310 G6 7227 F30
2321 F10 7250 J5
2321 N9 7251 M2
9102 M14 7255 G13
3103 K16 7256 M1
3116 N14 7260 B4
3117 N13 7280 B16
3118 N14 7290 G25
3119 M14 9101 N34
3120 N16 9148 K25
3124 H12 9268 G5
3127 N16
3135 M12
3136 N29
3138 K24
3141 K26
3142 N27
3143 N28
3148 N25
3149 N26
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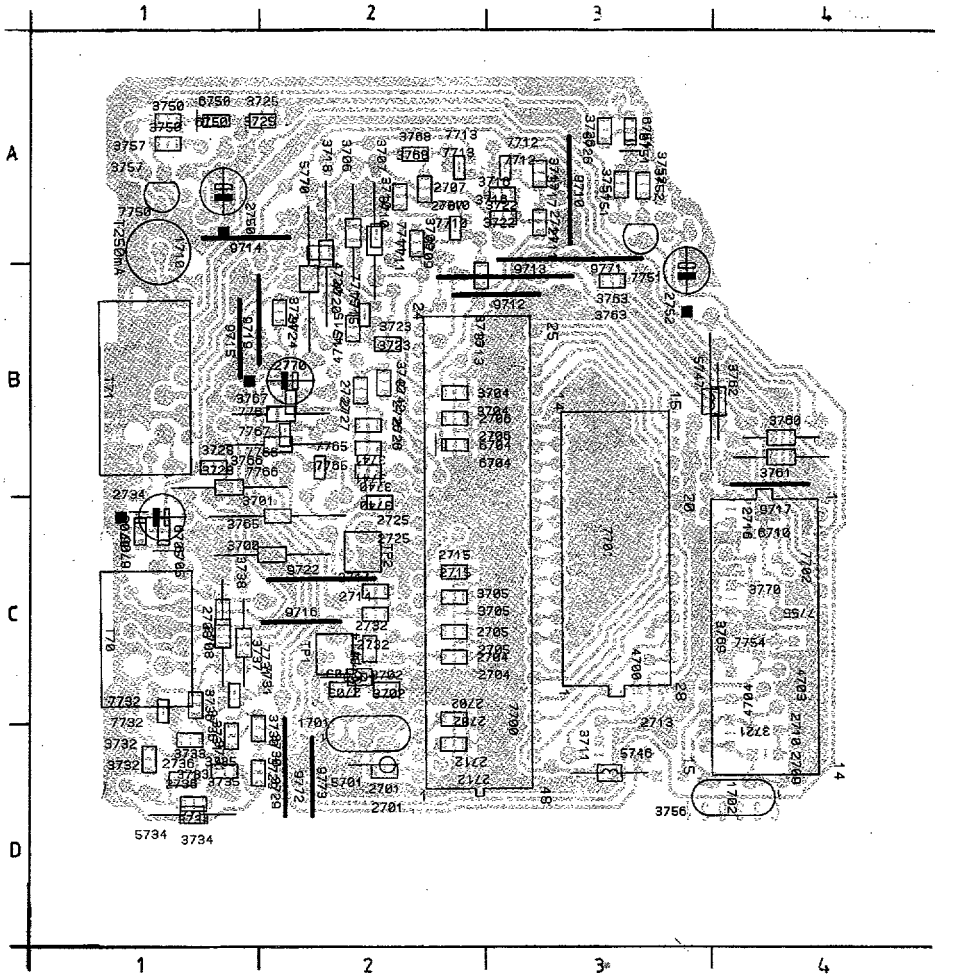
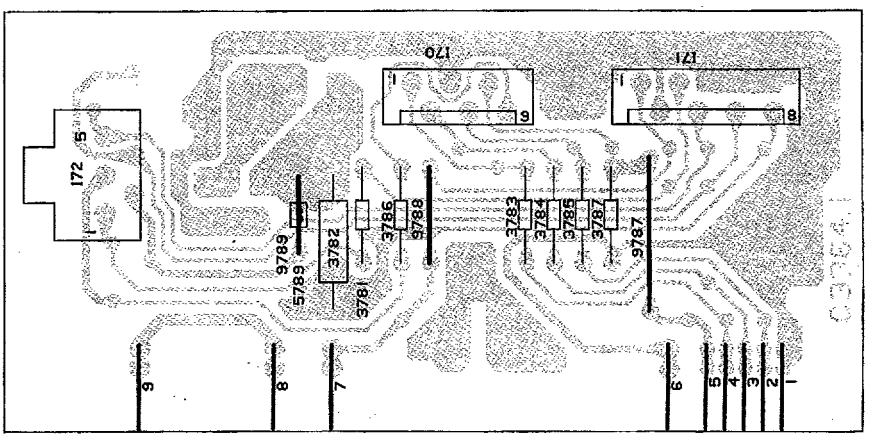
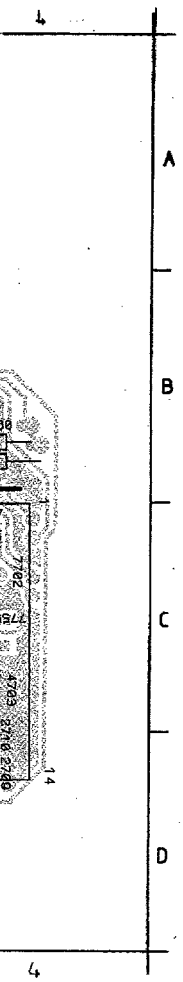
3153 O27
3154 O31
3154 O31
3155 M29
3157 N30
3158 O29
3159 M32



1702 D4	2727 B2	3717 A3	3741 B2	4715 B2	7713
1710 A1	2732 C2	3718 A2	3742 B2	4720 A2	7715
2701 D2	2734 C1	3721 D4	3750 A1	5701 D2	7731
2702 D2	2736 D1	3722 A3	3751 A3	5704 C2	7732
2703 C2	2750 A1	3723 B2	3752 A3	5734 D1	7750
2704 C2	2752 A3	3724 B2	3756 D3	5746 D3	7751
2705 C2	2770 B2	3725 A2	3757 A1	5747 B4	7754
2706 B2	3700 C2	3726 A3	3760 B4	5770 B2	7755
2707 A2	3701 B1	3728 B1	3761 B4	6704 B2	7765
2708 C1	3702 C2	3729 D2	3762 B4	6705 C1	7766
2709 D4	3704 B2	3730 D2	3763 B3	6706 C1	7767
2710 D4	3705 C2	3731 D1	3765 C2	6710 C4	9710
2711 A3	3706 A2	3732 D1	3766 B2	6750 A1	9712
2712 D2	3707 A2	3733 D1	3767 B2	6751 A3	9713
2713 C3	3709 A2	3734 D1	3768 A2	7700 C2	9714
2714 C2	3710 A2	3735 D1	3769 C4	7701 C3	9715
2715 C2	3711 D3	3736 C1	3770 C4	7702 C4	9716
2716 C4	3713 B2	3737 C1	4700 C3	7710 A2	9717
2725 C2	3714 C2	3738 C1	4703 C4	7711 A2	9719
2726 B2	3716 A3	3740 B2	4704 C4	7712 A3	9722

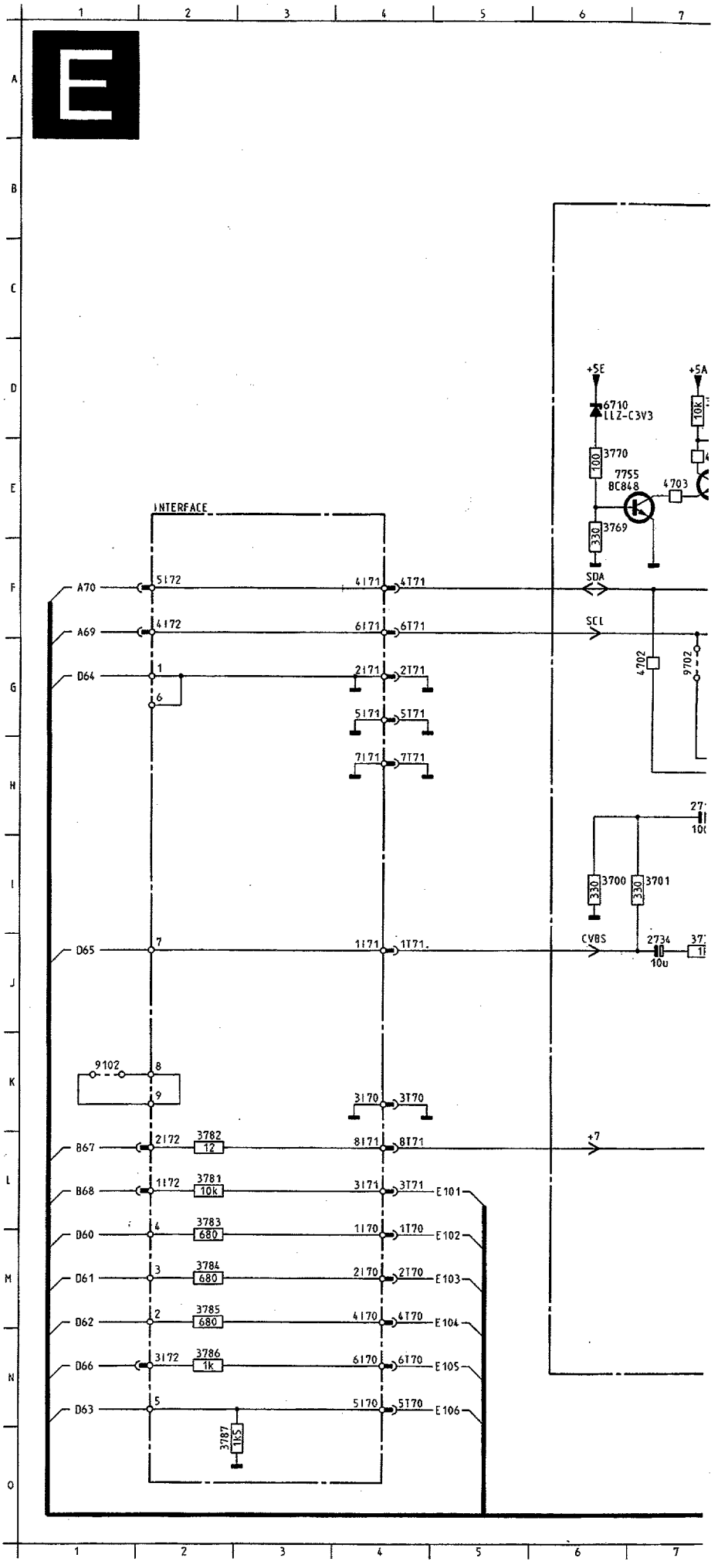


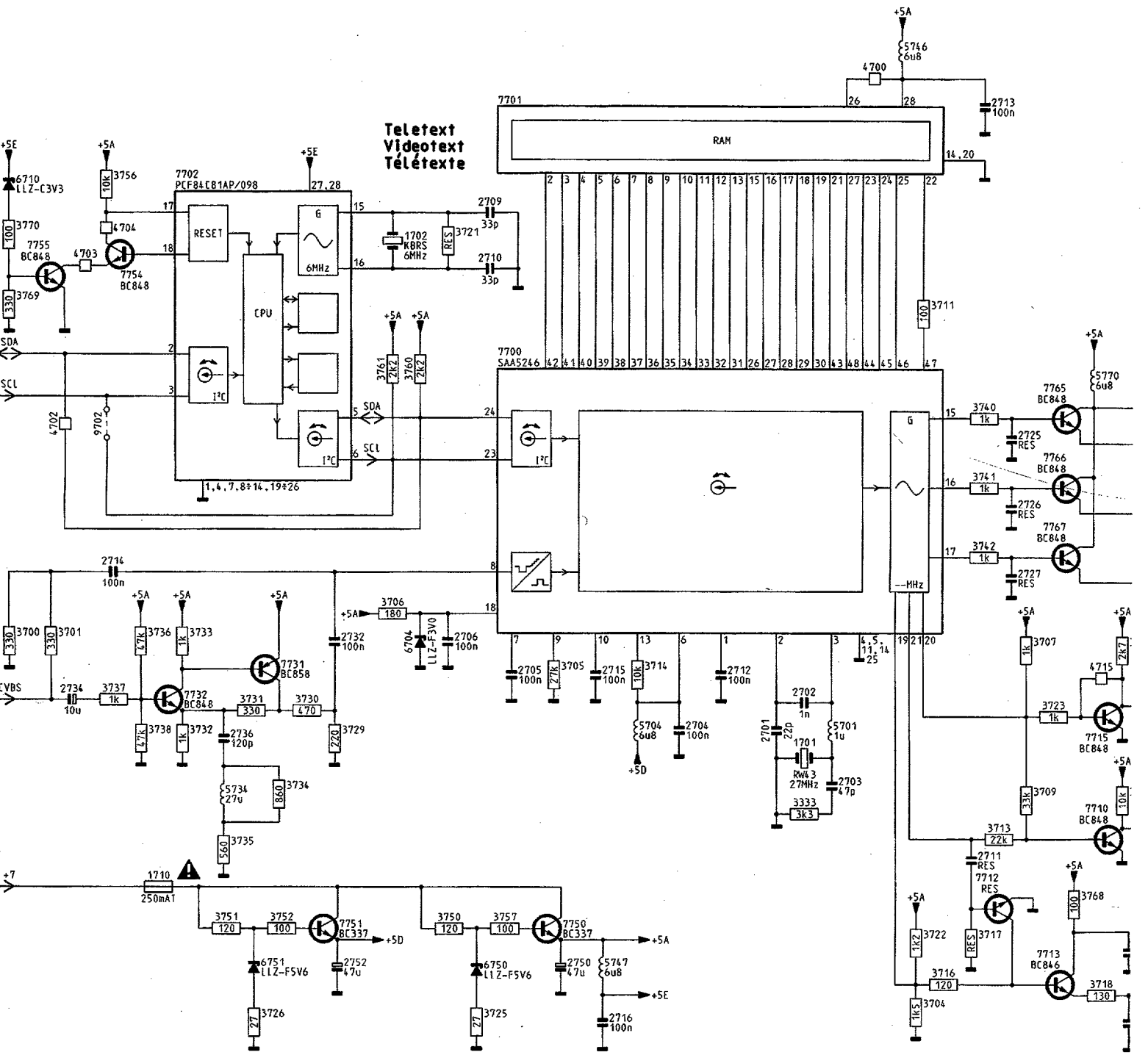
/ Télétexte

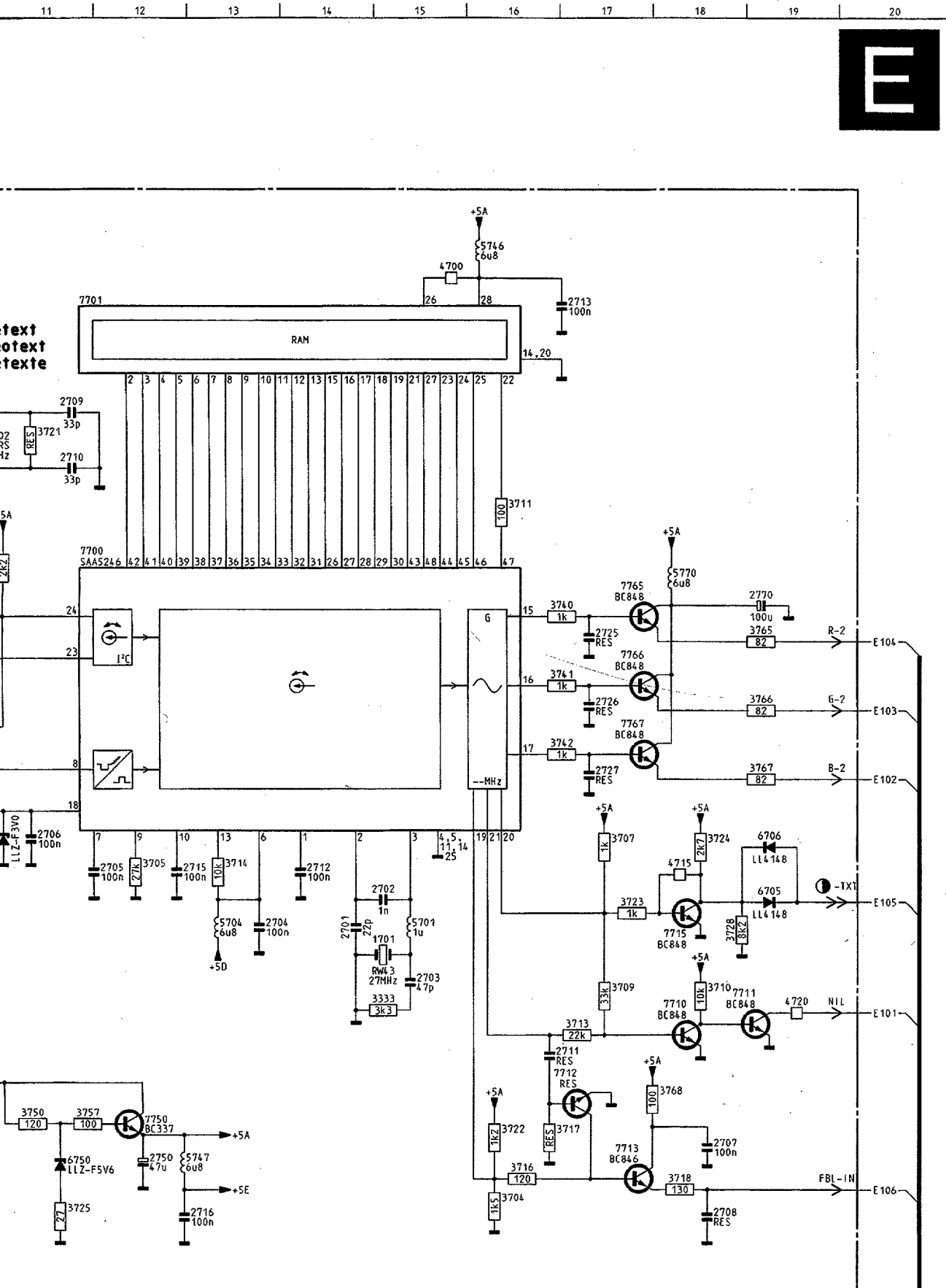


7713	A2	9771	A3
7715	B2	9772	D2
7731	C1	9773	D2
7732	C1	T70	C1
7750	A1	T71	B1
7751	A3	TP1	C2
7754	C4	TP2	C2
7755	C4		
7765	B2		
7766	B2		
7767	B2		
9710	A3		
9712	B3		
9713	A3		
9714	A1		
9715	B1		
9716	C2		
9717	B4		
9719	B2		
9722	C2		

Teletext / Videotext / Télétexte




Teletext
Videotext
Télétexte
7701
RAM
7700
SAA5246
7702
PCF84C81AP/098
RESET
CPU
6MHz
1702
KBRS
6MHz
7755
BC848
7754
BC848
6710
LLZ-C3V3
7731
BC858
7732
BC848
7751
BC337
7750
BC337
7765
BC848
7766
BC848
7767
BC848
7715
BC848
7710
BC848
7712
RES
7713
BC846
6751
LLZ-F5V6
6750
LLZ-F5V6
6704
LLZ-F3V0
1701
RW43
27MHz
1710
250mAT
SDA
SCL
CVBS
+5A
+5D
+5E
+7
A+B+D



	1701	J15	7766	G17
	1702	E10	7767	H17
	1710	L 8	9102	K 1
	2701	J14	9702	G 7
A	2702	J15		
	2703	K15		
	2704	J13		
	2705	I12		
	2706	I11		
	2707	L18		
	2708	M18		
	2709	D11		
B	2710	E11		
	2711	K16		
	2712	I14		
	2713	C17		
	2714	H 7		
	2715	I12		
	2716	M13		
	2725	G17		
C	2726	H17		
	2727	H17		
	2732	I10		
	2734	J 7		
	2736	J 8		
	2750	M12		
	2752	M10		
D	2770	F19		
	3333	K15		
	3700	I 6		
	3701	I 7		
	3704	M16		
	3705	I12		
	3706	I10		
	3707	I17		
E	3709	K17		
	3710	K18		
	3711	E16		
	3713	K17		
	3714	I13		
	3716	M16		
	3717	L16		
F	3718	M18		
	3721	E11		
	3722	L16		
	3723	J17		
	3724	I18		
	3725	M11		
	3726	M 9		
	3728	J18		
G	3729	J10		
	3730	J 9		
	3731	J 9		
	3732	J 8		
	3733	I 8		
	3734	K 9		
	3735	K 9		
	3736	I 8		
H	3737	J 7		
	3738	J 8		
	3740	G17		
	3741	G17		
	3742	H17		
	3750	L11		
	3751	L 8		
I	3752	L 9		
	3756	D 7		
	3757	L11		
	3760	F10		
	3761	F10		
	3765	G19		
	3766	H19		
	3767	H19		
J	3768	L18		
	3769	E 6		
	3770	E 6		
	3781	L 2		
	3782	L 2		
	3783	L 2		
	3784	M 2		
K	3785	M 2		
	3786	N 2		
	3787	O 2		
	4700	C15		
	4702	G 7		
	4703	E 7		
	4704	E 7		
L	4715	I18		
	4720	K19		
	5701	J15		
	5704	J13		
	5734	K 8		
	5746	C16		
	5747	M12		
	5770	F18		
M	6704	I10		
	6705	J19		
	6706	I19		
	6710	D 6		
	6750	M11		
	6751	M 9		
	7700	F11		
	7701	C11		
N	7702	D 8		
	7710	K18		
	7711	K19		
	7712	L17		
	7713	L17		
	7715	J18		
	7731	I 9		
	7732	J 8		
O	7750	L12		
	7751	L10		
	7754	E 7		
	7755	E 7		
	7765	F17		

Electrical adjustments

1. Adjustments on the main panel (Fig. 7)

1.1 +100V power supply voltage
Connect a voltmeter (DC) between pin 6 of connector M5 and ground. Adjust potentiometer 3535 for a voltage of +100V (14"-17") or +92,5V (21").

1.2 Horizontal synchronization
Interconnect pins 8 and 28 of IC7015.
Apply an aerial signal and tune the set.
Adjust potentiometer 3356 until the picture is straight. Remove the interconnection.

1.3 Horizontal centring
Is adjusted with potentiometer 3354.

1.4 Vertical centring
Can be adjusted by eventually mounting one of the resistors 3401 or 3408.

1.5 Picture height
Is adjusted with potentiometer 3410.

1.6 Focussing
Is adjusted with the focussing potentiometer in the line output transformer (see Fig. 8).

1.7 IF filter for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets
Connect a signal generator (e.g. PM 5326) via a condensator 5p6 to pin 17 of the tuner and adjust the frequency for 33.4 MHz. Connect an oscilloscope to pin 1 of filter 1015. Switch on the set and select system Europe via the system button on the set.
Adjust 5012 for a minimum amplitude.

1.8 AFC

a. Alignments for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets
Connect a signal generator (e.g. PM 5326) as indicated in point 1.7 and adjust the frequency for 33.4 MHz. Tune the set in the VHF1 band at a tuning voltage of approx. 5V on pin 11 of the tuner. Select system France via the system button on the set. Connect a voltmeter to pin 21 of IC7015. Adjust 5040 for 6V (DC).
Next adjust the frequency of the signal generator for 38,9 MHz. Select system Europe on the set. Adjust 5043 for 6V (DC).

b. Alignment for PAL BG-, PAL/SECAM BG-, PAL/SECAM BGDK- or PAL I sets
Connect a signal generator (e.g. PM 5326) as indicated in point 1.7 and adjust the frequency for 38.9 MHz (PAL I: 39.5MHz). Connect a voltmeter to pin 21 of IC7015. Adjust 5040 for 6V (DC).

1.9 RF AGC
If the picture of a strong local transmitter is reproduced distorted, adjust potentiometer 3021 until the picture is undistorted.

1.10 Chroma band-pass filter for PAL/SECAM sets
Connect a signal generator (e.g. PM5326) to pin 20 of the euro connector and adjust it for a frequency of 4,286 MHz. Connect pin 8 of the euro connector and pin 27 of IC7250 to pin 13 of IC7250 (+12V). Connect an oscilloscope to pin 15 of IC7250.
Adjust 5259 for a maximum amplitude.
Remove the interconnections.

1.11 Chroma subcarrier oscillator
Apply a PAL colour-bar pattern. Interconnect pin 11 of IC7260 (TDA4510) or pin 17 of IC7250 (TDA4650) to ground. Adjust 2265 so that colour pattern on the screen is practically stationary.
Remove the interconnection.

1.12 SECAM demodulators for PAL/SECAM sets
Apply a SECAM black pattern. Connect an oscilloscope to pin 1 of IC7250. Adjust 5320 for 0 reading.
Connect the oscilloscope to pin 3 of IC7250.
Adjust 3320 for 0 reading.

1.13 The FM sound section

a. General adjustments
Apply a PAL BG (PAL I for PAL I sets) generator signal whose sound carrier is (FM) modulated with a frequency of 1 kHz.
Set the generator to the mono mode.
Tune the set and select, if possible, system Europe.
Adjust 5138 for maximum sound output.

b. Additional adjustment for PAL/SECAM BGDK sets
After the general adjustment (see point a.) put the generator in SECAM DK position.
Adjust 5139 for maximum sound output.

1.14 The AM sound section for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets
Connect pin 3 of IC7125 to a fixed voltage level o +2V by means of an adjustable power supply.
Connect a signal generator (e.g. PM 5326) via a condensator 5p6 to pin 17 of the tuner and adjust the frequency for 32,4 MHz. Modulate (AM) the signal with 1 kHz.
Tune the set in the UHF band and select system France.
First adjust 5106 for maximum sound output. Nex adjust 5104 for maximum sound output.
Adjust the frequency of the signal generator for 30,9 MHz. and modulate (AM) the signal with 1 kHz.
Adjust 5102 for minimum sound output.
Remove the power supply connection.

2. Adjustments on the picture tube panel (Fig. 9)

2.1 Cut-off points of picture tube

Apply a black pattern generator signal. Adjust contrast at minimum.
Adjust brightness until the DC voltage across potentiometer 3213 is 0V.
Adjust 3207, 3220 and 3234 for a black level of 125V on the collectors of transistors 7205, 7218 and 7227.
Adjust Vg2 potentiometer until the gun that first emits light is just no longer visible. Adjust the two other guns with the respective controls (3207, 3220 or 3234) until just no light will be visible.

2.2 Grey scale

Apply a test pattern signal and adjust the set for normal operation. Allow the set to warm up for about 10 minutes. Adjust 3213 and 3214 until the desired grey scale has been obtained.

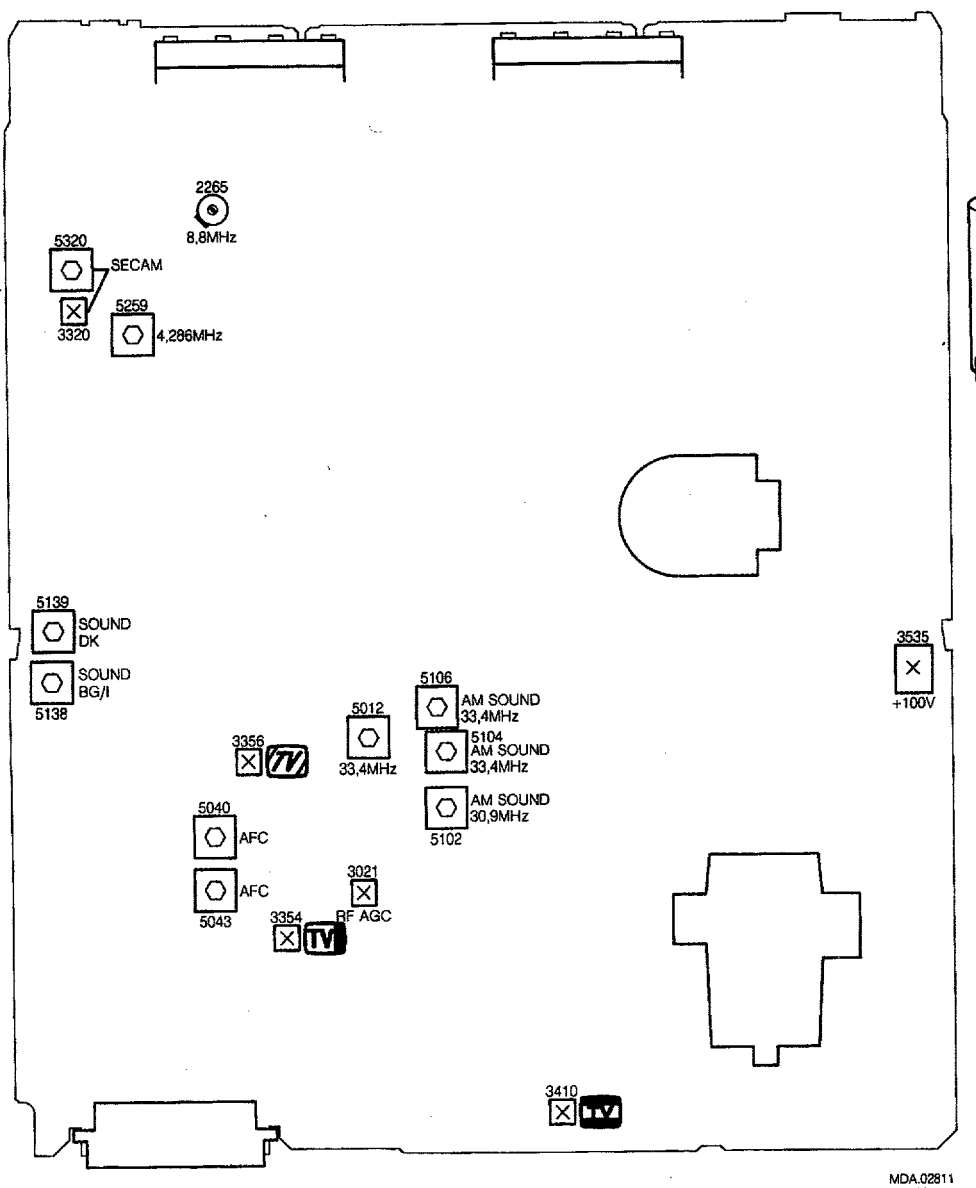


Fig. 7

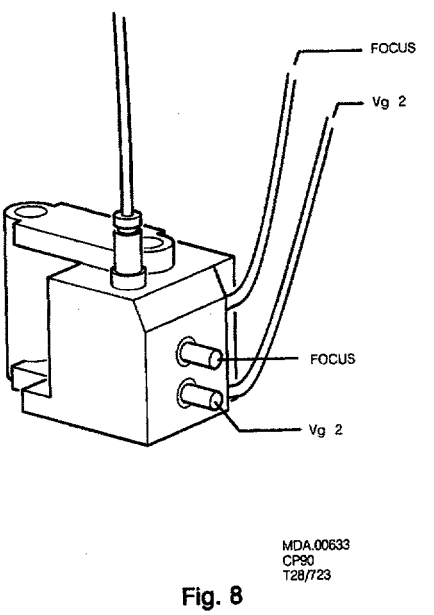


Fig. 8

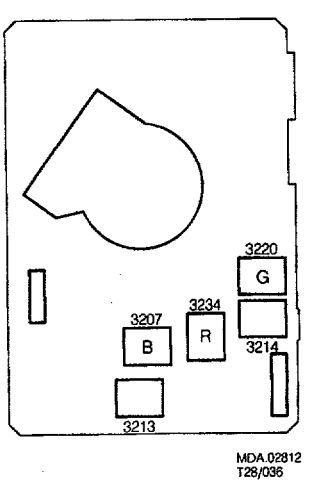


Fig. 9

List of errror messages

ERROR MESSAGE	ERROR DESCRIPTION	POSSIBLE DEFECTIVE COMPONENT
Flashing LED	Internal μC error	IC7600
F2 + Flashing LED	EEPROM error	IC7685

2507	5322 121 42919	10nF 10% 400V
2509	4822 126 11141	2,2nF 10% 1KV
2511	4822 122 31767	150pF 2% 63V
2514	4822 122 31961	68pF 2% 63V
2515	4822 122 31961	68pF 2% 63V
2517	5322 121 42498	680nF 5% 63V
2520	4822 122 32891	68nF 10% 63V
2522	4822 122 31746	1000pF 2% 63V
2523	4822 122 31746	1000pF 2% 63V
2524 ⚠	4822 126 11382	1nF 10% 1KV
2526 ⚠	4822 122 32442	10nF 50V
2530 ⚠	4822 124 80096	47µF 200V
2532	4822 122 31177	470pF 10% 500V
2533	4822 122 31981	33nF 50V
2534 ⚠	4822 126 11524	1,5nF 10% 1KV
2540	4822 124 41677	680µF 20% 25V
2545	4822 124 40769	4,7µF 20% 100V
2547	4822 122 31746	1000pF 2% 63V
2550	4822 121 42786	33 nF 2% 100V
2553	4822 122 31727	470pF 2% 63V
2554	4822 122 31174	2,7nF 10% 500V
2555	4822 126 11544	22000pF 63V
2556	4822 122 31784	4,7nF 10% 50V
2557	4822 122 31784	4,7nF 10% 50V
2560	4822 124 41677	680µF 20% 25V
2561	5322 124 41431	22µF 20% 35V
2562	4822 122 31727	470pF 2% 63V
2563	4822 122 31727	470pF 2% 63V
2573	4822 122 31772	47pF 2% 63V
2602	4822 124 40435	10µF 20% 50V
2606	4822 122 31974	820pF 10% 63V
2610	4822 121 41673	220nF 10% 100V
2611	4822 121 41673	220nF 10% 100V
2615	4822 122 31765	100pF 2% 63V
2623	4822 124 40242	1µF 20% 63V
2624	4822 124 41596	22µF 20% 50V
2625	4822 122 32765	820pF 2% 63V
2629	4822 124 40435	10µF 20% 50V
2629	4822 124 41576	2,2µF 20% 50V
2630	4822 124 41576	2,2µF 20% 50V
2651	4822 122 31974	820pF 10% 63V
2658	4822 122 31974	820pF 10% 63V
2660	5322 122 31647	1nF 10% 63V
2666	4822 124 40433	47µF 20% 25V
2666 ⚠	4822 124 41525	100µF 20% 25V
2669	4822 122 31772	47pF 2% 63V
2669	5322 122 31842	330pF 2% 63V
2670	4822 122 31965	220pF 2% 63V
2676	4822 122 31768	180pF 2% 63V
2677	4822 122 31769	18pF 2% 63V
2677	4822 122 31971	10pF 2% 63V
2677	4822 122 32083	8,2pF 5% 50V
2678	4822 122 31769	18pF 2% 63V
2678	4822 122 31971	10pF 2% 63V
2678	4822 122 32083	8,2pF 5% 50V
2679	4822 122 31839	82pF 2% 63V
2680	4822 122 31825	27pF 2% 63V
2681	4822 122 31825	27pF 2% 63V
2682	4822 122 31765	100pF 2% 63V
2685 ⚠	4822 124 41525	100µF 20% 25V
2686	4822 126 11544	22000pF 63V
2690	4822 126 11544	22000pF 63V
2695	4822 122 31974	820pF 10% 63V
2696	4822 122 31974	820pF 10% 63V
2697	4822 122 31974	820pF 10% 63V
2698	4822 122 31974	820pF 10% 63V
2849	4822 122 31727	470pF 2% 63V
2850	4822 122 31965	220pF 2% 63V
2852	4822 122 31965	220pF 2% 63V
2860	4822 122 31784	4,7nF 10% 50V
2875	5322 122 31647	1nF 10% 63V
2876	4822 124 40435	10µF 20% 50V

3001 ⚠	4822 052 10229	22Ω 5% 0,33W
3002	4822 051 10272	2k7 2% 0,25W
3004	4822 051 10008	0Ω 5% 0,25W
3005	4822 051 10008	0Ω 5% 0,25W
3005	4822 051 10102	1k 2% 0,25W
3010	4822 051 10008	0Ω 5% 0,25W
3010	4822 051 10569	56Ω 2% 0,25W
3011	4822 051 10562	5k6 2% 0,25W
3012	4822 051 10562	5k6 2% 0,25W
3015 ⚠	4822 052 10109	10Ω 5% 0,33W
3015 ⚠	4822 052 10159	15Ω 5% 0,33W
3016	4822 116 52245	150k 5% 0,5W
3017	4822 116 52256	2k2 5% 0,5W
3018	4822 051 10103	10k 2% 0,25W
3019	4822 051 10181	180Ω 2% 0,25W
3019	4822 051 10562	5k6 2% 0,25W
3021	4822 100 11823	47k 30% 0,1W
3022	4822 051 10473	47k 2% 0,25W
3023	4822 051 10224	220k 2% 0,25W
3024	4822 051 10472	4k7 2% 0,25W
3025	4822 051 10332	3k3 2% 0,25W
3026	4822 051 10101	100Ω 2% 0,25W
3027	4822 051 10221	220Ω 2% 0,25W
3028	4822 051 10152	1k5 2% 0,25W
3029	4822 051 10152	1k5 2% 0,25W
3030	4822 051 10221	220Ω 2% 0,25W
3031	4822 051 10331	330Ω 2% 0,25W
3032	4822 051 10181	180Ω 2% 0,25W
3033	4822 051 10182	1k8 2% 0,25W
3034	4822 051 10103	10k 2% 0,25W
3035	4822 051 10008	0Ω 5% 0,25W
3036	4822 051 10008	0Ω 5% 0,25W
3037	4822 051 10008	0Ω 5% 0,25W
3038	4822 051 10393	39k 2% 0,25W
3039	4822 051 10393	39k 2% 0,25W
3043	4822 051 10103	10k 2% 0,25W
3044	4822 116 52233	10k 5% 0,5W
3049	4822 051 10683	68k 2% 0,25W
3050	4822 051 10332	3k3 2% 0,25W
3051	4822 051 10223	22k 2% 0,25W
3054	4822 051 10102	1k 2% 0,25W
3102	4822 051 10008	0Ω 5% 0,25W
3103	4822 051 10008	0Ω 5% 0,25W
3116	4822 051 10105	1M 5% 0,25W
3117	4822 051 10152	1k5 2% 0,25W
3118	4822 051 10682	6k8 2% 0,25W
3119	4822 051 10681	680Ω 2% 0,25W
3120	4822 051 10105	1M 5% 0,25W
3124 ⚠	4822 052 10229	22Ω 5% 0,33W
3127	4822 051 10152	1k5 2% 0,25W
3135	4822 051 10621	620Ω 2% 0,25W
3136	4822 053 11181	180Ω 5% 2W
3137	4822 051 10008	0Ω 5% 0,25W
3138	4822 051 20222	2k2 5% 0,1W
3139	4822 051 10008	0Ω 5% 0,25W
3140	4822 051 10008	0Ω 5% 0,25W
3141	4822 051 10332	3k3 2% 0,25W
3142	4822 051 10008	0Ω 5% 0,25W
3143	4822 051 10102	1k 2% 0,25W
3148	4822 051 10273	27k 2% 0,25W
3149	4822 051 10273	27k 2% 0,25W
3150	4822 051 10104	100k 2% 0,25W
3151	4822 051 10008	0Ω 5% 0,25W
3152	4822 051 10273	27k 2% 0,25W
3153	4822 051 10123	12k 2% 0,25W
3154	4822 051 10272	2k7 2% 0,25W
3155	4822 051 10103	10k 2% 0,25W
3156	4822 051 10008	0Ω 5% 0,25W
3157 ⚠	4822 050 21003	10k 1% 0,6W
3158	4822 051 10122	1k2 2% 0,25W
3159 ⚠	4822 052 11208	2Ω 5% 0,5W
3160	4822 051 10689	68Ω 2% 0,25W
3161	4822 051 10689	68Ω 2% 0,25W
3162	4822 051 10104	100k 2% 0,25W
3163 ⚠	4822 052 11208	2Ω 5% 0,5W
3169	4822 051 10621	620Ω 2% 0,25W
3170	4822 051 10473	47k 2% 0,25W
3171 ⚠	4822 116 52283	4k7 5% 0,5W
3172	4822 051 10472	4k7 2% 0,25W
3173	4822 051 10621	620Ω 2% 0,25W
3175	4822 051 10102	1k 2% 0,25W
3251	4822 051 10162	1k6 2% 0,25W
3252	4822 051 10911	910Ω 2% 0,25W
3253	4822 051 10751	750Ω 2% 0,25W
3261	4822 051 10008	0Ω 5% 0,25W
3269	4822 051 10008	0Ω 5% 0,25W
3289	4822 051 10221	220Ω 2% 0,25W
3290	4822 051 10104	100k 2% 0,25W
3291	4822 116 52296	6k8 5% 0,5W
3293	4822 051 10008	0Ω 5% 0,25W
3296 ⚠	4822 052 10109	10Ω 5% 0,33W
3297	4822 051 10101	100Ω 2% 0,25W
3298	4822 051 10101	100Ω 2% 0,25W
3299	4822 051 10101	100Ω 2% 0,25W
3303	4822 051 10331	330Ω 2% 0,25W
3304	4822 051 10331	330Ω 2% 0,25W
3305	4822 051 51201	120Ω 1% 0,125W
3306	4822 051 10332	3k3 2% 0,25W
3307	4822 051 10103	10k 2% 0,25W
3308	4822 116 52233	10k 5% 0,5W
3309	4822 051 10105	1M 5% 0,25W
3310	4822 051 10561	560Ω 2% 0,25W
3311	4822 051 10102	1k 2% 0,25W
3312	4822 051 10008	0Ω 5% 0,25W
3313	4822 051 10473	47k 2% 0,25W
3314	4822 051 10682	6k8 2% 0,25W
3315	4822 051 10473	47k 2% 0,25W
3316	4822 051 10473	47k 2% 0,25W
3317	4822 051 10472	4k7 2% 0,25W
3318	4822 051 10472	4k7 2% 0,25W
3319	4822 051 10681	680Ω 2% 0,25W
3320	4822 100 11824	470Ω 30% 0,1W
3321	4822 116 52256	2k2 5% 0,5W
3322	4822 051 10008	0Ω 5% 0,25W
3350	4822 051 10823	82k 2% 0,25W
3351	4822 116 52249	1k8 5% 0,5W
3353	4822 051 10473	47k 2% 0,25W
3353	4822 051 56203	62k 1% 0,125W
3354	4822 100 11822	22k 30% 0,1W
3354	4822 100 11844	100k 30%
3355	4822 116 52267	30k 5% 0,5W
3356	4822 100 11821	6k8 30% 0,1W
3357	4822 051 20222	2k2 5% 0,1W
3358	4822 051 10104	100k 2% 0,25W
3358	4822 051 10433	43k 2% 0,25W
3359	4822 051 10272	2k7 2% 0,25W
3360	4822 051 10008	0Ω 5% 0,25W
3362	4822 051 10101	100Ω 2% 0,25W
3363	4822 051 10008	0Ω 5% 0,25W
3364	4822 051 10394	390k 2% 0,25W
3370 ⚠	4822 052 11471	470Ω 5% 0,5W
3401	4822 116 52259	2k4 5% 0,5W
3402 ⚠	4822 050 23901	390Ω 1% 0,6W
3402	4822 116 52222	390Ω 5% 0,5W
3403 ⚠	4822 116 52266	3k 5% 0,5W

Spare parts lists / Stückliste / Liste des pièces

3403 ⚠	4822 116 52269	3k3 5% 0,5W
3403	4822 116 52276	3k9 5% 0,5W
3404	4822 051 10202	2k 2% 0,25W
3404 ⚠	4822 051 10242	2k4 2% 0,25W
3404	4822 051 10432	4k3 2% 0,25W
3405	4822 051 10131	130Ω 2% 0,25W
3405	4822 051 10151	150Ω 2% 0,25W
3405	4822 051 10159	15Ω 2% 0,25W
3406	4822 051 10123	12k 2% 0,25W
3406	4822 051 10153	15k 2% 0,25W
3406	4822 051 20183	18k 5% 0,1W
3407	4822 051 10223	22k 2% 0,25W
3407	4822 051 20183	18k 5% 0,1W
3408 ⚠	4822 053 10681	680Ω 5% 1W
3408	4822 116 52259	2k4 5% 0,5W
3409	4822 051 10008	0Ω 5% 0,25W
3410	4822 100 11658	330Ω 30% 0,1W
3411	4822 050 24308	4Ω3 1% 0,6W
3411 ⚠	4822 052 11208	2Ω 5% 0,5W
3411	4822 116 83985	3Ω6 5% 0,33W
3412	4822 050 24308	4Ω3 1% 0,6W
3412 ⚠	4822 052 10278	2Ω7 5% 0,33W
3412	4822 116 83984	2Ω7 5% 0,33W
3413	4822 051 10273	27k 2% 0,25W
3414	4822 051 10008	0Ω 5% 0,25W
3415	4822 116 52253	2k 5% 0,5W
3416	4822 116 52253	2k 5% 0,5W
3417	4822 051 10008	0Ω 5% 0,25W
3418	4822 051 10008	0Ω 5% 0,25W
3419	4822 051 10008	0Ω 5% 0,25W
3419	4822 051 10101	100Ω 2% 0,25W
3440 ⚠	4822 116 52199	68Ω 5% 0,5W
3442	4822 051 10562	5k6 2% 0,25W
3443	4822 113 80583	4Ω7 10% 5W
3444	4822 053 11562	5k6 5% 2W
3444 ⚠	4822 117 10037	4k7 5% 3W
3445	4822 051 10479	47Ω 2% 0,25W
3448 ⚠	4822 052 10108	1Ω 5% 0,33W
3449 ⚠	4822 052 10108	1Ω 5% 0,33W
3451	4822 051 10333	33k 2% 0,25W
3452 ⚠	4822 052 10109	10Ω 5% 0,33W
3452 ⚠	4822 052 10159	15Ω 5% 0,33W
3452 ⚠	4822 052 10478	4Ω7 5% 0,33W
3454 ⚠	4822 052 11102	1k 5% 0,5W
3455	4822 051 10123	12k 2% 0,25W
3455	4822 051 20183	18k 5% 0,1W
3456	4822 053 20334	330k 5% 0,25W
3456	4822 053 20434	430k 5% 0,25W
3457	4822 113 80573	270Ω 10% 5W
3460	4822 051 10103	10k 2% 0,25W
3460	4822 051 10113	11k 2% 0,25W
3465	4822 051 10185	1M8 5% 0,25W
3470 ⚠	4822 052 10478	4Ω7 5% 0,33W
3470 ⚠	4822 052 10828	8Ω2 5% 0,33W
3501	4822 116 40137	PTC 36Ω 365V
3503 ⚠	4822 053 21475	4M7 5% 0,5W
3504 ⚠	4822 053 21475	4M7 5% 0,5W
3508	4822 051 10333	33k 2% 0,25W
3509	4822 116 52274	36k 5% 0,5W
3510	4822 051 10333	33k 2% 0,25W
3511	4822 051 10102	1k 2% 0,25W
3513	4822 051 10223	22k 2% 0,25W
3514	4822 116 52278	390k 5% 0,5W
3515	4822 051 10471	470Ω 2% 0,25W
3516	4822 051 10101	100Ω 2% 0,25W
3517	4822 116 52206	120Ω 5% 0,5W
3518	4822 051 10224	220k 2% 0,25W
3520	4822 051 10184	180k 2% 0,25W
3521	4822 053 11209	20Ω 5% 2W
3521	4822 053 11569	56Ω 5% 2W
3522	4822 053 11569	56Ω 5% 2W
3523	4822 050 24708	4Ω7 1% 0,6W
3525	4822 053 11209	20Ω 5% 2W
3530	4822 115 10114	150Ω 10%
3533	4822 050 14703	47k 1% 0,4W
3533	4822 050 14873	48k7 1% 0,4W
3534	4822 051 10302	3k 2% 0,25W
3534	4822 051 10332	3k3 2% 0,25W
3535	4822 100 11794	1k 10%
3544 ⚠	4822 052 10108	1Ω 5% 0,33W
3547	4822 050 11502	1k5 1% 0,4W
3549	4822 051 10479	47Ω 2% 0,25W
3550	4822 051 10122	1k2 2% 0,25W
3550	4822 051 10152	1k5 2% 0,25W
3551	4822 051 10151	150Ω 2% 0,25W
3552	4822 051 10101	100Ω 2% 0,25W
3553	4822 051 10221	220Ω 2% 0,25W
3554	4822 053 11689	68Ω 5% 2W
3555	4822 051 10101	100Ω 2% 0,25W
3556	4822 051 10681	680Ω 2% 0,25W
3557 ⚠	4822 053 11271	270Ω 5% 2W
3558	4822 051 10101	100Ω 2% 0,25W
3560	4822 051 10101	100Ω 2% 0,25W
3561 ⚠	4822 116 52219	330Ω 5% 0,5W
3562	4822 051 10271	270Ω 2% 0,25W
3563	4822 051 10008	0Ω 5% 0,25W
3564 ⚠	4822 052 10109	10Ω 5% 0,33W
3565	4822 051 10103	10k 2% 0,25W
3566	4822 051 10123	12k 2% 0,25W
3567	4822 051 20183	18k 5% 0,1W
3568	4822 053 11122	1k2 5% 2W
3569	4822 116 52175	100Ω 5% 0,5W
3570	4822 116 52257	22k 5% 0,5W
3571 ⚠	4822 050 24701	470Ω 1% 0,6W
3572 ⚠	4822 116 52202	82Ω 5% 0,5W
3573	4822 116 52284	47k 5% 0,5W
3574	4822 051 10104	100k 2% 0,25W
3591	4822 051 10008	0Ω 5% 0,25W
3593	4822 051 10008	0Ω 5% 0,25W
3601	4822 116 52233	10k 5% 0,5W
3602	4822 116 52303	8k2 5% 0,5W
3603	4822 050 12403	2,2M 0,125W
3604	4822 051 10151	150Ω 2% 0,25W
3604	4822 051 10339	33Ω 2% 0,25W
3605	4822 050 12204	220k 1% 0,4W
3606	4822 116 52233	10k 5% 0,5W
3607	4822 051 10332	3k3 2% 0,25W
3610	4822 051 10153	15k 2% 0,25W
3611	4822 051 10103	10k 2% 0,25W
3612	4822 051 10103	10k 2% 0,25W
3613	4822 051 10123	12k 2% 0,25W
3614	4822 051 10472	4k7 2% 0,25W
3614	4822 051 10473	47k 2% 0,25W
3615	4822 051 10824	820k 2% 0,25W
3616	4822 051 10008	0Ω 5% 0,25W
3616	4822 116 52284	47k 5% 0,5W
3617	4822 051 10008	0Ω 5% 0,25W
3617	4822 051 10562	5k6 2% 0,25W
3618	4822 051 20183	18k 5% 0,1W
3620	4822 051 10433	43k 2% 0,25W
3621	4822 051 10363	36k 2% 0,25W
3621	4822 051 10393	39k 2% 0,25W
3622	4822 116 52284	47k 5% 0,5W
3623	4822 116 52257	22k 5% 0,5W
3624	4822 051 10273	27k 2% 0,25W
3625	4822 051 10163	16k 2% 0,25W
3626	4822 116 52251	18k 5% 0,5W
3627	4822 051 10223	22k 2% 0,25W
3628	4822 051 10393	39k 2% 0,25W
3630	4822 051 10274	270k 2% 0,25W
33631	4822 116 52275	360k 5% 0,5W
3635	4822 051 10008	0Ω 5% 0,25W
3651	4822 051 10103	10k 2% 0,25W
3652	4822 116 52207	1k2 5% 0,5W
3653	4822 116 52207	1k2 5% 0,5W
654	4822 051 10102	1k 2% 0,25W
3655	4822 051 10102	1k 2% 0,25W
3656	4822 051 10103	10k 2% 0,25W
3657	4822 051 10683	68k 2% 0,25W
3658	4822 051 10272	2k7 2% 0,25W
3659	4822 051 10911	910Ω 2% 0,25W
3660	4822 116 52175	100Ω 5% 0,5W
3661	4822 050 11002	1k 1% 0,4W
3663	4822 051 10151	150Ω 2% 0,25W
3663	4822 051 10471	470Ω 2% 0,25W
3664	4822 116 52296	6k8 5% 0,5W
3664	4822 116 52306	9k1 5% 0,5W
3665	4822 050 11002	1k 1% 0,4W
3666	4822 051 10151	150Ω 2% 0,25W
3666	4822 051 10471	470Ω 2% 0,25W
3667	4822 116 52233	10k 5% 0,5W
3668	4822 051 10433	43k 2% 0,25W
3669	4822 051 10103	10k 2% 0,25W
3670	4822 116 52233	10k 5% 0,5W
3671	4822 051 10103	10k 2% 0,25W
3672	4822 051 10102	1k 2% 0,25W
3673	4822 051 10103	10k 2% 0,25W
3674	4822 050 11002	1k 1% 0,4W
3676	4822 116 52233	10k 5% 0,5W
3678	4822 051 10008	0Ω 5% 0,25W
3679	4822 051 20222	2k2 5% 0,1W
3680	4822 051 10008	0Ω 5% 0,25W
3682	4822 051 10008	0Ω 5% 0,25W
3683	4822 051 10008	0Ω 5% 0,25W
3684	4822 051 10332	3k3 2% 0,25W
3685	4822 051 10332	3k3 2% 0,25W
3686	4822 051 10102	1k 2% 0,25W
3687	4822 051 10102	1k 2% 0,25W
3688	4822 051 10225	2M2 5% 0,25W
3689	4822 051 10104	100k 2% 0,25W
3692	4822 050 11002	1k 1% 0,4W
3693	4822 116 52284	47k 5% 0,5W
3694	4822 051 10008	0Ω 5% 0,25W
3695	4822 051 10101	100Ω 2% 0,25W
3696	4822 051 10101	100Ω 2% 0,25W
3697	4822 051 10101	100Ω 2% 0,25W
3698	4822 116 52175	100Ω 5% 0,5W
3699	4822 051 10472	4k7 2% 0,25W
3850	4822 051 10123	12k 2% 0,25W
3851	4822 116 80747	75Ω 5% 0,125W
3852	4822 051 10123	12k 2% 0,25W
3853	4822 116 80747	75Ω 5% 0,125W
3854	4822 051 10008	0Ω 5% 0,25W
3855	4822 116 80747	75Ω 5% 0,125W
3856	4822 051 10008	0Ω 5% 0,25W
3857	4822 051 10008	0Ω 5% 0,25W
3858	4822 116 80747	75Ω 5% 0,125W
3859	4822 051 10008	0Ω 5% 0,25W
3860	4822 051 10471	470Ω 2% 0,25W
3862	4822 050 11002	1k 1% 0,4W
3865	4822 116 82719	56Ω 5% 0,125W
3866	4822 116 82718	18Ω 5% 0,125W
3871	4822 116 52215	220Ω 5% 0,5W
3875	4822 116 52196	51Ω 5% 0,5W
3876	4822 051 10332	3k3 2% 0,25W
3878	4822 116 52251	18k 5% 0,5W
3879	4822 051 10473	47k 2% 0,25W
3880	4822 051 10562	5k6 2% 0,25W
3881	4822 051 10103	10k 2% 0,25W
3882	4822 051 10752	7k5 2% 0,25W

3883	4822 051 10103	10k 2% 0,25W
3901	4822 051 10008	0Ω 5% 0,25W
3902	4822 051 10008	0Ω 5% 0,25W

5010	4822 157 62552	2,2µH
5012	4822 157 63068	0,28µH
5018	4822 526 10494	FERRITE BEAD
5030	4822 157 60123	6,8µH
5032	4822 157 62767	8,2µH
5040	4822 157 63064	0,19µH
5040	4822 157 63071	0,3µH
5043	4822 157 63069	0,7µH
5102	4822 157 63524	1,0µH
5104	4822 157 63525	0,35µH
5106	4822 157 63526	0,34µH
5138	4822 157 53635	10K 0,75µH 6%
5139	4822 157 53635	10K 0,75µH 6%
5177	4822 157 52333	100µH
5251	4822 320 40235	DELAY LINE
5255	4822 157 53302	1,0µH
5258 ⚠	4822 157 51462	10µH
5259	4822 157 52808	10µH
5284	4822 157 60141	3,3µH
5285	4822 157 60141	3,3µH
5286	4822 157 60141	3,3µH
5296 ⚠	4822 157 51462	10µH
5320	4822 157 52808	10µH
5440	4822 157 52983	2N2
5441	4822 146 21116	LOT DRIVER
5443 ⚠	4822 157 51462	10µH
5445 ⚠	4822 140 10406	LOT AT2079/40
5447	4822 157 62766	262LYF-0095K
5449	4822 156 20966	47µH
5449	4822 158 10551	27µH
5452	4822 157 51157	3.3µH
5453 ⚠	4822 157 51462	10µH
5454	4822 156 21332	LIN. COIL (21")
5454	4822 157 53205	LIN. C. (14/17")
5470 ⚠	4822 157 51462	10µH
5500	4822 212 22978	MAINS FILTER
5503	4822 157 53139	4.7µH
5515	4822 157 50963	2.2µH
5521	4822 157 51195	1µH
5524	4822 157 53542	1µH 2%
5525	4822 148 81121	SOPS TRF
5529	4822 157 63411	68µH
5530	4822 157 63411	68µH
5531	4822 158 10551	27µH
5532	4822 157 51157	3.3µH
5534	4822 157 62878	3.3µH
5540	4822 156 20966	47µH
5541	4822 156 20966	47µH
5545	4822 157 51195	1µH
5554	4822 157 51157	3.3µH
5560 ⚠	4822 157 51462	10µH
5601 ⚠	4822 157 51462	10µH
5652 ⚠	4822 157 51462	10µH
5653 ⚠	4822 157 51462	10µH
5677	4822 157 53906	47µH

6014	4822 130 80888	BA682
6020	4822 130 81223	LLZ-C2V4
6034	4822 130 80446	LL4148
6042	4822 130 80888	BA682
6050 ⚠	4822 130 30621	1N4148
6051 ⚠	4822 130 30621	1N4148
6052 ⚠	4822 130 30621	1N4148
6053	4822 130 80446	LL4148
6054	4822 130 81147	LLZ-F6V2
6055	4822 130 80446	LL4148
6115	4822 130 80888	BA682
6116	4822 130 80888	BA682
6119	4822 130 80888	BA682
6120	4822 130 80888	BA682
6135	4822 130 80883	LLZ-C4V7
6170	4822 130 80888	BA682
6172	4822 130 80888	BA682
6289	4822 130 80446	BAS32L
6306	4822 130 80954	LLZ-C5V6
6370	4822 130 82304	LLZ-F12
6415	4822 130 80446	LL4148
6416	4822 130 42488	BYD33D
6443	5322 130 31938	BYV27-200
6446	4822 130 32896	BYD33M
6447	4822 130 32896	BYD33M
6449	4822 130 42488	BYD33D
6449	5322 130 32967	BYV26B
6451	4822 130 42488	BYD33D
6452	4822 130 42488	BYD33D
6453	4822 130 42488	BYD33D
6470	4822 130 42488	BYD33D
6502	4822 130 81497	1N4005GP
6503	4822 130 81497	1N4005GP
6504	4822 130 81497	1N4005GP
6505	4822 130 81497	1N4005GP
6511	4822 130 80446	LL4148
6513	4822 130 80446	LL4148
6514	4822 130 80446	LL4148
6515	4822 130 80446	LL4148
6516	4822 130 80886	LLZ-F22
6517	4822 130 31456	BZV85-C5V1
6521	4822 130 42488	BYD33D
6522 ⚠	4822 130 30621	1N4148
6523	4822 130 80446	LL4148
6530	4822 130 82033	BYD34J
6537	4822 130 34167	BZX79-F6V2
6540	4822 130 42488	BYD33D
6545	4822 130 42488	BYD33D
6549	4822 130 80446	LL4148
6554	4822 130 42489	BYD33G
6555	4822 130 82305	LLZ-F18
6557	4822 130 80887	LLZ-F36
6558	4822 130 80887	LLZ-F36
6559	4822 130 80887	LLZ-F36
6562	4822 130 80905	LLZ-F5V1
6566	4822 130 34174	BZX79-F4V7
6568	4822 130 81147	LLZ-F6V2
6569	4822 130 80446	LL4148
6570	4822 130 20245	SF0R5D43
6573	4822 130 80446	LL4148
6602	4822 130 82037	HZT33
6603	4822 130 80446	LL4148
6604	4822 130 80446	LL4148
6605	4822 130 80446	LL4148
6606	4822 130 80446	LL4148
6658	4822 130 80446	LL4148
6663 ⚠	4822 209 30563	TLXR5400
6679	4822 130 80446	LL4148
6698	4822 130 80446	LL4148
6849 ⚠	4822 130 30621	1N4148
6850	4822 130 80446	LL4148
6851	4822 130 80446	LL4148
6852	4822 130 80446	LL4148
6853	4822 130 80446	LL4148
6854	4822 130 80446	LL4148
6855	4822 130 80446	LL4148
6865 ⚠	4822 130 30621	1N4148

7002	4822 209 10892	LA7910
7015	4822 209 63107	TDA4504B/N1B
7027	4822 130 61207	BC848
7030	4822 130 61207	BC848
7038	4822 130 61207	BC848
7125	4822 209 63105	TDA3843/V3
7135	4822 209 30278	TDA3827/V3
7156	4822 130 61207	BC848
7157 ⚠	4822 209 60956	TDA7052/N1
7158	4822 130 61207	BC848
7170	4822 130 61207	BC848
7221	4822 209 31714	TDA4661/V2
7250	4822 209 30011	TDA4650/V4
7251	4822 130 61207	BC848
7255	4822 130 42696	BC818-25
7256	4822 130 61207	BC848
7260	4822 209 30389	TDA4510/V8
7280	4822 209 63104	TDA3504/V1
7290	4822 130 42134	BC858BR
7400	4822 209 60955	TDA3653B/N1
7440	4822 130 41782	BF422
7445	4822 130 42679	BUT11AF
7512	5322 130 42136	BC848C
7514 ⚠	4822 130 82034	CNX83A
7515	4822 130 42513	BC858C
7516	5322 130 44349	BC635
7525	4822 130 42679	BUT11AF
7537	5322 130 60159	BC846B
7552	4822 130 42155	BC327A
7553	5322 130 42012	BC858A
7554	4822 130 42032	BC337A
7555	5322 130 60159	BC846
7556	4822 130 60136	BC856
7561	4822 130 40823	BD135
7563	5322 130 42012	BC858
7571	4822 130 61207	BC848
7600	4822 209 32117	TMP47C434N3146
7600	4822 209 32139	TMP47C834NR132
7600	4822 209 63948	TMP47C434N3122
7605	4822 209 73852	PMBT2369
7654	4822 130 61207	BC848
7658	4822 209 73852	PMBT2369
7665	4822 130 61207	BC848
7670	4822 130 61207	BC848
7672	4822 130 61207	BC848
7674	4822 130 61207	BC848
7685	4822 209 62098	ST24C02A
7686	4822 130 61207	BC848
7875	4822 130 61207	BC848
7876	4822 130 61207	BC848
7877	4822 130 61207	BC848

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Picture tube module

⚠	4822 255 70251	CRT SOCKET

Various

1235	⚠	4822 071 56301	FUSE 630MA

⊣⊢

2202	4822 126 11544	22000pF 63V
2204	4822 122 32142	270pF 2% 63V
2206	4822 124 41828	1µF 20% 250V
2217	4822 122 32142	270pF 2% 63V
2230	4822 122 32142	270pF 2% 63V
2237	4822 121 41926	33nF 5% 630V

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3202	4822 053 11123	12k 5% 2W
3203	4822 111 50518	1k5 5% 0,5W
3204	4822 051 10229	22Ω 2% 0,25W
3205	4822 051 10621	620Ω 2% 0,25W
3206	4822 051 10112	1k1 2% 0,25W
3207	4822 100 11638	4k7 20% 0,1W
3207	4822 100 20171	2k2 10% 0,05W
3208	4822 051 10008	0Ω 5% 0,25W
3208 ⚠	4822 051 10242	2k4 2% 0,25W
3210	4822 051 10332	3k3 2% 0,25W
3211	4822 051 10332	3k3 2% 0,25W
3212	4822 051 10332	3k3 2% 0,25W
3213	4822 100 11637	2k2 20% 0,1W
3214	4822 100 11637	2k2 20% 0,1W
3215	4822 053 11123	12k 5% 2W
3216	4822 111 50518	1k5 5% 0,5W
3217	4822 051 10229	22Ω 2% 0,25W
3218	4822 051 10621	620Ω 2% 0,25W
3219	4822 051 10112	1k1 2% 0,25W
3220	4822 100 11638	4k7 20% 0,1W
3220	4822 100 20171	2k2 10% 0,05W
3221	4822 051 10008	0Ω 5% 0,25W
3221 ⚠	4822 051 10242	2k4 2% 0,25W
3222	4822 051 10561	560Ω 2% 0,25W
3224	4822 051 10152	1k5 2% 0,25W
3225	4822 051 10432	4k3 2% 0,25W
3226	4822 051 10112	1k1 2% 0,25W
3226	4822 051 10911	910Ω 2% 0,25W
3227	4822 051 10102	1k 2% 0,25W
3228	4822 053 11123	12k 5% 2W
3229	4822 111 50518	1k5 5% 0,5W
3230	4822 051 10229	22Ω 2% 0,25W
3231	4822 051 10008	0Ω 5% 0,25W
3231 ⚠	4822 051 10242	2k4 2% 0,25W
3232	4822 051 10621	620Ω 2% 0,25W
3233	4822 051 10112	1k1 2% 0,25W
3234	4822 100 11638	4k7 20% 0,1W
3234	4822 100 20171	2k2 10% 0,05W
3235 ⚠	4822 052 10108	1Ω 5% 0,33W
3236	4822 111 50518	1k5 5% 0,5W
3237	4822 111 50518	1k5 5% 0,5W

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5235	4822 158 10549	12 µH (21")
5235	5322 157 53016	10 µH (14/17")

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6205	4822 130 80446	BAS32L
6218	4822 130 80446	BAS32L
6227	4822 130 80446	BAS32L

⊣⊗⊢ ⊣▦⊢

7205	4822 130 41782	BF422
7218	4822 130 41782	BF422
7225	5322 130 42012	BC858
7227	4822 130 41782	BF422

Teletext module

	4822 265 40469	CONN. 6P FEM.
	4822 265 40471	CONN. 8P FEM.

Various

1701		4822 242 81246	27MHz
1702		4822 242 71508	6,00MHz
1710	⚠	4822 071 52501	FUSE 250MA

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2701	4822 122 32504	15pF 2% 63V
2702	4822 122 31971	10pF 2% 63V
2703	4822 122 31746	1000pF 2% 63V
2704	4822 122 33496	100nF 10% 63V
2705	4822 122 33496	100nF 10% 63V
2706	4822 122 33496	100nF 10% 63V
2707	4822 122 33496	100nF 10% 63V
2709	4822 126 10324	33pF 2% 63V
2710	4822 126 10324	33pF 2% 63V
2712	4822 122 33496	100nF 10% 63V
2713	4822 122 33496	100nF 10% 63V
2714	4822 122 33496	100nF 10% 63V
2715	4822 122 33496	100nF 10% 63V
2716	4822 122 33496	100nF 10% 63V
2732	4822 122 33496	100nF 10% 63V
2734	4822 124 40435	10µF 20% 50V
2736	4822 122 31766	120pF 2% 63V
2750	4822 124 40177	47µF 20% 10V
2752	4822 124 40177	47µF 20% 10V
2770	4822 124 41584	100µF 20% 10V

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3700	⚠	4822 116 52219	330Ω 5% 0,5W
3701	⚠	4822 116 52219	330Ω 5% 0,5W
3702		4822 051 10332	3k3 2% 0,25W
3704		4822 051 10152	1k5 2% 0,25W
3705		4822 051 10273	27k 2% 0,25W
3706		4822 116 52213	180Ω 5% 0,5W
3707		4822 050 11002	1k 1% 0,4W
3709		4822 051 10333	33k 2% 0,25W
3710		4822 051 10103	10k 2% 0,25W
3711		4822 051 10101	100Ω 2% 0,25W
3713		4822 051 10223	22k 2% 0,25W
3714		4822 051 10103	10k 2% 0,25W
3716		4822 051 51201	120Ω 1% 0,125W
3718		4822 116 52208	130Ω 5% 0,5W
3722		4822 051 10122	1k2 2% 0,25W
3723		4822 051 10102	1k 2% 0,25W
3724		4822 051 10332	3k3 2% 0,25W
3725		4822 051 10279	27Ω 2% 0,25W
3726		4822 051 10279	27Ω 2% 0,25W
3728		4822 051 10822	8k2 2% 0,25W
3729		4822 051 10331	330Ω 2% 0,25W
3730		4822 051 10471	470Ω 2% 0,25W
3731		4822 051 10331	330Ω 2% 0,25W
3732		4822 051 10102	1k 2% 0,25W
3733		4822 051 10102	1k 2% 0,25W
3734		4822 051 10681	680Ω 2% 0,25W
3735		4822 051 10561	560Ω 2% 0,25W
3736		4822 051 10473	47k 2% 0,25W
3737		4822 050 11002	1k 1% 0,4W
3738		4822 116 52284	47k 5% 0,5W
3740		4822 051 10102	1k 2% 0,25W
3741		4822 051 10102	1k 2% 0,25W
3742		4822 051 10102	1k 2% 0,25W
3750		4822 051 51201	120Ω 1% 0,125W
3751		4822 051 51201	120Ω 1% 0,125W
3752		4822 051 10101	100Ω 2% 0,25W
3756		4822 051 10103	10k 2% 0,25W

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3757	4822 051 10101	100Ω 2% 0,25W
3760	4822 116 52256	2k2 5% 0,5W
3761	4822 116 52256	2k2 5% 0,5W
3762	4822 116 52175	100Ω 5% 0,5W
3763	4822 051 10101	100Ω 2% 0,25W
3765 ⚠	4822 116 52202	82Ω 5% 0,5W
3766 ⚠	4822 116 52202	82Ω 5% 0,5W
3767 ⚠	4822 116 52202	82Ω 5% 0,5W
3768	4822 051 10101	100Ω 2% 0,25W
3769	4822 051 10331	330Ω 2% 0,25W
3770	4822 051 10101	100Ω 2% 0,25W

Jumper

4700	4822 051 10008	0Ω 5% 0,25W
4703	4822 051 10008	0Ω 5% 0,25W
4704	4822 051 10008	0Ω 5% 0,25W
4720	4822 051 10008	0Ω 5% 0,25W

5701	4822 157 70386	4,7µH
5704	4822 157 60123	6,8µH
5734	4822 157 53001	27µH
5746	4822 157 60123	6,8µH
5747	4822 157 60123	6,8µH
5770	4822 157 60123	6,8µH

6704	4822 130 82886	LLZ-F3V0
6705	4822 130 80446	LL4148
6710	4822 130 81139	LLZ-C3V3
6750	4822 130 81227	LLZ-F5V6
6751	4822 130 81227	LLZ-F5V6

7700	4822 209 31215	SAA5246AP/H
7700	4822 209 32122	SAA5246AP/E/S
7701	4822 209 72681	MSM5165AL-12RS
7702	4822 209 30281	PCF84C81A/097
7702	4822 209 31069	PCF84C81AP/098
7702	4822 209 32102	PCF84C81AP/125
7710 ⚠	5322 130 41982	BC848B
7711 ⚠	5322 130 41982	BC848B
7713	5322 130 60159	BC846B
7715 ⚠	5322 130 41982	BC848B
7731	5322 130 42012	BC858
7732 ⚠	5322 130 41982	BC848B
7750	4822 130 40855	BC337
7751	4822 130 40855	BC337
7754 ⚠	5322 130 41982	BC848B
7755 ⚠	5322 130 41982	BC848B
7765 ⚠	5322 130 41982	BC848B
7766 ⚠	5322 130 41982	BC848B
7767 ⚠	5322 130 41982	BC848B

Interface module

	4822 265 30497	CONN. 5P MALE
	4822 264 50148	CONN. 8P MALE
	4822 267 50591	CONN. 6P MALE

3781	4822 116 52233	10k 5% 0,5W
3782	4822 117 10224	12Ω 5% 1W
3783	4822 116 52226	560Ω 5% 0,5W
3784	4822 116 52226	560Ω 5% 0,5W
3785	4822 116 52226	560Ω 5% 0,5W
3786	4822 050 11002	1k 1% 0,4W